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ABSTRACT

Based on information from the 1988-89 IPEDS (Integrated Postsecondary Education Data System) Academic Libraries Survey, this report presents data from the higher education institutions in IPEDS, i.e., all colleges and universities with accreditation at the higher education level in the 50 states and the District of Columbia. Analyses of these data indicate that the three largest individual expenditure items for libraries at the 3,438 institutions of higher education were salaries and wages, current serial subscription expenditures, and print material expenditures. It was also found that libraries of the 466 doctoral-granting institutions (13.6% of the total) accounted for more than half of the 101,000 operating expenditures of almost $2.8 billion, half of the 101,000 full-time equivalent (FTE) staff, and more than half of the total of 200 million circulation transactions at all academic libraries. The number of volumes held at all academic libraries at the end of fiscal year 1988 totaled almost 720 million. The narrative portion of this report includes highlights of the findings, a brief introduction, technical notes, and definitions. Detailed data are presented in tables for library operating expenditures, FTE library staff, library collections, library loan transactions, and library service per typical week. A copy of the questionnaire and instructions for its use are included. (MAB)

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E.D.TABS **September 1990**

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Office of Educational Research and Improvement **NCES 90-374**

NATIONAL CENTER FOR EDUCATION STATISTICS

E.D.TABS **September 1990**

Academic Libraries: 1988

Arthur Podolsky
Postsecondary Education Statistics Division

Data Series:
DR–IPEDS–88/89–10.1

U.S. Department of Education
Office of Educational Research and Improvement **NCES 90-374**

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September 1990

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HIGHLIGHTS

o In 1988, total operating expenditures for libraries at the 3,438 institutions of higher education totalled almost $2.8 billion.

o The three largest individual expenditure items were salaries and wages, $1.5 billion (52.4 percent); current serial subscription expenditures, $.5 billion (16.7 percent); and print material expenditures, $.4 billion (12.7 percent).

o The libraries of the 466 doctoral-granting institutions (13.6 percent) accounted for $1.7 billion, or $3 of every $5 of the total operating expenditure dollars at all college and university libraries.

o The number of volumes held at all academic libraries at the end of fiscal year 1988 totaled almost 720 million.

o Libraries at institutions granting doctoral degrees held over 430 million volumes, or 3 of every 5.

o The total number of full-time equivalent (FTE) staff members in college and university libraries equalled 101,000, including 25,000 librarians, 34,000 student assistants, 41,000 other paid staff, and 1,000 staff who contributed their services.

o Libraries at institutions granting doctoral degrees accounted for 50,000, or half of all, FTE staff at all academic libraries.

o Academic libraries had 200 million circulation transactions; 78.3 percent from the general collection, and 21.7 percent from the reserve collection.

o Libraries at institutions granting doctoral degrees accounted for more than half of this total circulation with 106 million circulation transactions.

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INTRODUCTION

This report is based on information from the 1988-89 IPEDS (Integrated Postsecondary Education Data System) Academic Libraries survey. IPEDS is the U.S. Department of Education's vehicle for collecting data from all postsecondary institutions in the United States. Other surveys included within IPEDS are Institutional Characteristics, Fall Enrollment, Completions, Finance, Faculty Salaries, and Staff. IPEDS is an extension of earlier data efforts by the National Center for Education Statistics (NCES). The data in this report come from the higher education institutions in IPEDS and include all colleges and universities with accreditation at the higher education level and recognized by the Secretary of Education. At the national level, 85.5 percent of the libraries responded. See the section on METHODOLOGY following the tables for more detail.

The tables in this publication summarize library staff, library operating expenditures, library collections, library loan transactions, and library service per typical week for libraries in higher education institutions in the 50 States and District of Columbia (D.C.). Staff and service data are for fall 1988, whereas the remainder of the data cover fiscal year 1988. Fiscal year 1988 is defined as the twelve month period between July 1, 1987 through September 30, 1988 that corresponds to the institution's fiscal year.

The Academic Libraries survey has been carried out by NCES since 1966. Although there have been changes in the form over the years, the series is generally considered to be continuous. The section below on historical growth of academic libraries shows the changes over the last decade for selected variables.

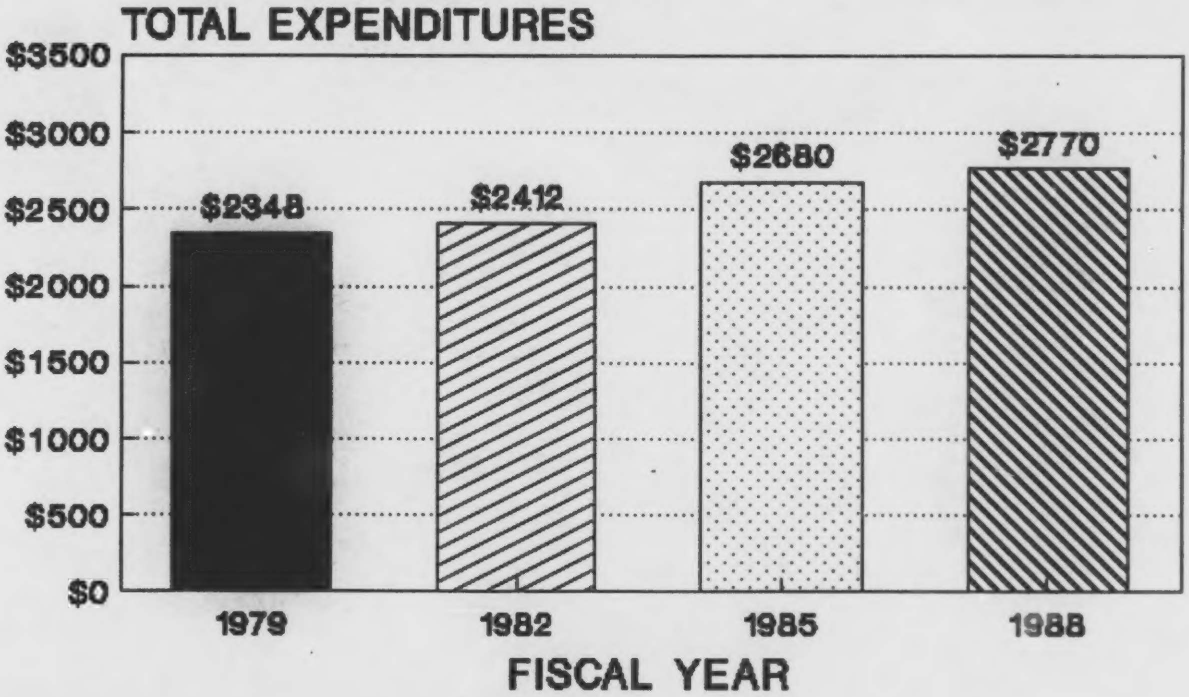
HISTORICAL CHANGES

Academic libraries showed similar growth patterns over the last 9 years when total expenditures, total volumes held at the end of the fiscal year, and FTE library staff excluding student assistants are each considered. The charts on the next pages each show higher education library data for all colleges and universities in the 50 States and D.C. for the latest four survey years, namely: 1988, 1985, 1982, and 1979.

Total library expenditures (Chart A) show an increase of 18.0 percent over the 9-year period in constant 1988 dollars; volumes held at the end of the year (Chart B) showed an increase of 39.1 percent for the same period; while staff, other than student assistants, had a 16.8 percent increase (Chart C). Student assistants had an increase of 19.0 percent from 1985 to 1988.

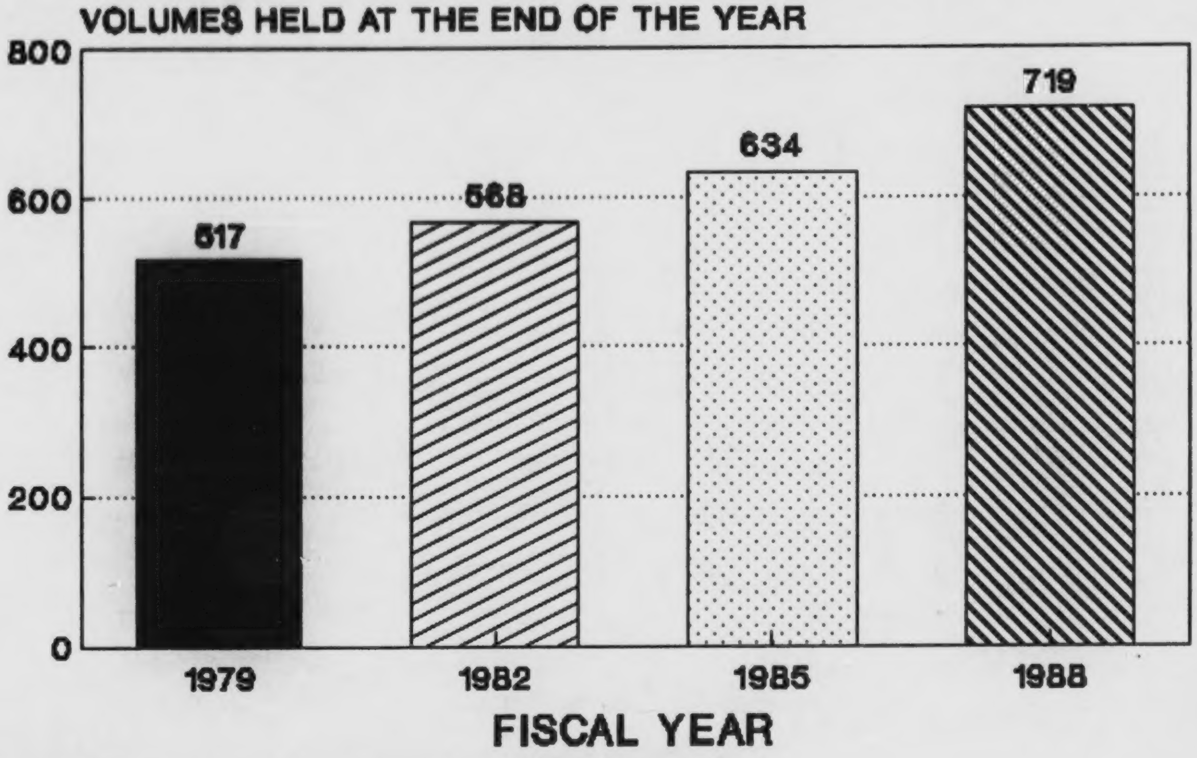
Beginning with the 1990 survey, the academic libraries survey will be conducted on a 2-year cycle.

FIGURE A: Total expenditures Academic Libraries, 50 States & D.C.



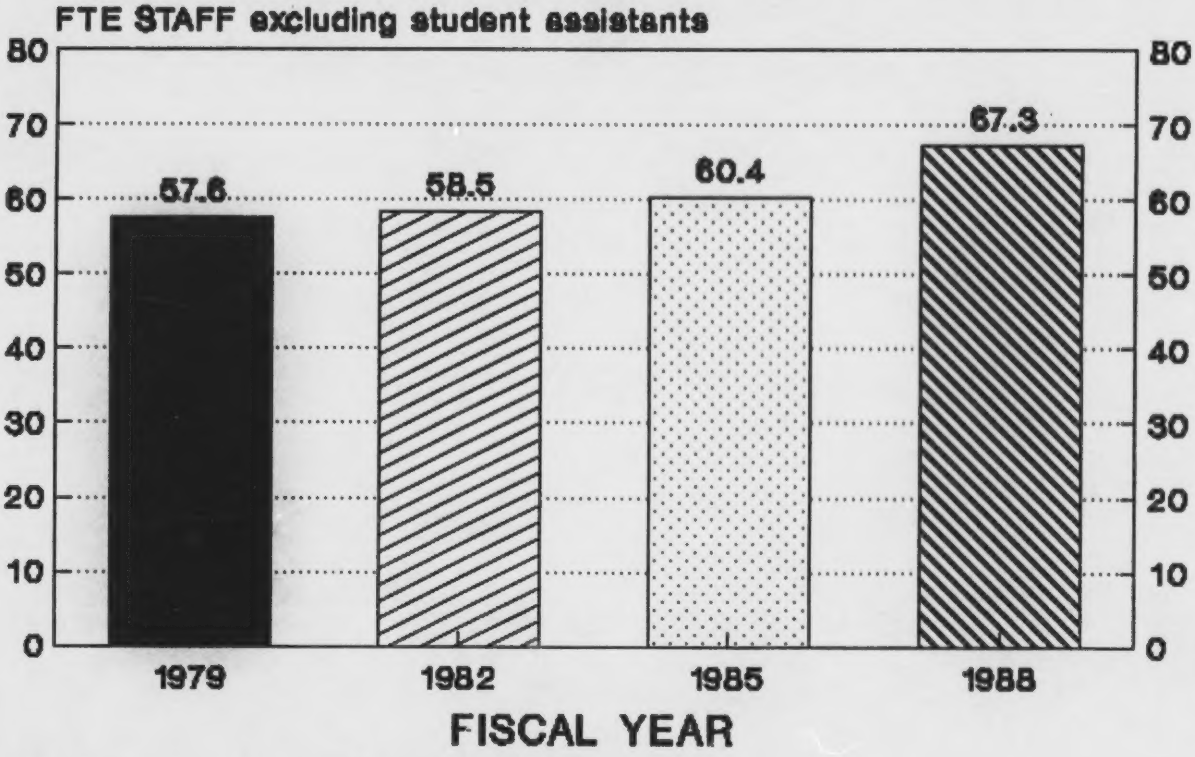
(in millions of constant 1988 dollars per fiscal year)

FIGURE B: Volumes held end of year Academic Libraries, 50 States and D.C.



(in millions of volumes per fiscal year)

FIGURE C: Staff excl. student assistants
Academic Libraries, 50 States & D.C.



(in thousands of full-time-equivalents)

STATE by STATE TABLES

Table 1: Total operating expenditures and number of libraries by category of total operating expenditures, by State, and level and level and control of institution: 1988

A. ALL HIGHER EDUCATION INSTITUTIONAL LIBRARIES *

	Total number of libraries	Total operating expenditures ($000'S)	Less than $20,000	$20,000 to $49,999	$50,000 to $99,999	$100,000 to $199,999	$200,000 to $299,999	$300,000 to $499,999	$500,000 to $999,999	$1,000,000 to $1,999,999	$2,000,000 or more
TOTAL 50 STATES & DC	3,438	$2,770,075	139	215	422	799	441	422	461	248	291
ALABAMA	83	40,934	7	2	14	25	10	5	12	4	4
ALASKA	13	8,683	0	1	1	7	0	1	1	0	2
ARIZONA	34	36,075	1	4	1	6	4	8	7	0	3
ARKANSAS	36	15,518	1	6	5	10	0	6	3	4	1
CALIFORNIA	295	354,805	6	4	31	66	39	36	56	18	39
COLORADO	53	39,429	1	4	7	16	4	4	8	3	6
CONNECTICUT	49	61,409	2	3	6	10	7	5	6	7	3
DELAWARE	10	10,504	0	0	1	4	1	1	2	0	1
DISTRICT OF COLUMBIA	16	42,466	0	2	2	0	4	1	0	1	6
FLORIDA	95	88,159	3	2	12	19	9	12	21	5	12
GEORGIA	86	61,520	1	2	10	25	12	14	10	7	5
HAWAII	14	12,530	1	0	0	2	5	3	2	0	1
IDAHO	11	8,956	0	0	1	1	4	1	0	3	1
ILLINOIS	157	136,791	1	10	20	30	23	29	20	10	14
INDIANA	72	51,578	2	10	9	19	7	6	12	1	6
IOWA	58	35,022	0	2	7	14	17	12	1	2	3
KANSAS	56	28,387	0	2	18	21	5	0	5	2	3
KENTUCKY	46	37,614	3	2	8	12	4	5	3	4	5
LOUISIANA	34	36,556	0	3	1	7	3	3	7	6	4
MAINE	30	13,409	3	1	8	7	3	3	0	4	1
MARYLAND	57	56,896	1	4	4	11	7	6	14	4	6
MASSACHUSETTS	117	143,013	1	9	11	17	17	16	18	14	14
MICHIGAN	101	94,201	2	3	14	20	11	19	14	12	6
MINNESOTA	75	41,668	4	1	13	20	6	6	16	5	4
MISSISSIPPI	44	26,983	1	5	5	7	6	8	5	4	3
MISSOURI	87	52,865	2	5	13	29	11	10	6	4	7
MONTANA	18	6,897	0	3	6	3	3	0	1	0	2
NEBRASKA	35	19,268	0	3	4	12	6	4	2	1	3
NEVADA	8	8,918	0	1	0	1	2	1	1	0	2
NEW HAMPSHIRE	29	16,163	2	6	2	7	2	3	5	0	2
NEW JERSEY	60	78,409	1	2	2	12	6	8	8	12	9
NEW MEXICO	26	15,496	0	1	6	11	1	2	2	1	2
NEW YORK	325	285,311	12	16	24	65	48	36	56	40	28
NORTH CAROLINA	125	92,770	0	7	15	38	24	19	9	5	8
NORTH DAKOTA	19	7,222	0	5	3	5	2	2	0	1	1
OHIO	148	114,507	9	4	15	42	24	16	21	3	14
OKLAHOMA	46	30,817	2	7	3	10	7	4	6	4	3
OREGON	46	31,742	0	1	8	10	6	8	6	4	3
PENNSYLVANIA	210	25,361	60	45	43	37	6	11	4	3	1
RHODE ISLAND	11	19,620	0	0	1	1	0	2	3	2	2
SOUTH CAROLINA	63	28,218	1	1	18	11	9	6	12	3	2
SOUTH DAKOTA	19	5,876	1	1	3	7	1	3	1	2	0
TENNESSEE	83	46,300	1	6	14	24	11	12	5	7	3
TEXAS	168	164,994	2	6	14	34	23	19	33	15	22
UTAH	14	23,390	1	1	0	5	2	1	0	1	3
VERMONT	22	10,896	1	1	3	7	4	2	2	1	1
VIRGINIA	78	75,248	1	2	6	21	10	9	15	6	8
WASHINGTON	55	49,120	1	3	1	8	9	15	10	3	5
WEST VIRGINIA	29	12,770	1	3	1	7	7	6	2	1	1
WISCONSIN	63	58,310	0	3	7	11	9	11	8	9	5
WYOMING	9	6,480	0	0	1	5	0	2	0	0	1

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* Institutions with accreditation at the higher education level recognized by the Secretary of Education, 1988

Table 1: Total operating expenditures and number of libraries by category of total operating expenditures, by State, and level and level and control of institution: 1988
B. TOTAL FOUR-YEAR HIGHER EDUCATION INSTITUTIONAL LIBRARIES

	Total number of libraries	Total operating expenditures ($000'S)	Less than $20,000	$20,000 to $49,999	$50,000 to $99,999	$100,000 to $199,999	$200,000 to $299,999	$300,000 to $499,999	$500,000 to $999,999	$1,000,000 to $1,999,999	$2,000,000 or more
TOTAL 50 STATES & DC	2,081	$2,429,865	58	109	164	410	269	261	310	213	287
ALABAMA	35	32,481	1	1	5	5	6	3	6	4	4
ALASKA	6	7,495	0	0	1	2	0	0	1	0	2
ARIZONA	15	29,242	0	4	0	2	1	3	2	0	3
ARKANSAS	20	13,996	0	3	0	4	0	5	3	4	1
CALIFORNIA	166	304,862	3	2	18	44	19	11	15	15	39
COLORADO	29	35,740	0	2	1	6	3	1	7	3	6
CONNECTICUT	29	58,343	1	3	2	2	1	4	6	7	3
DELAWARE	7	9,906	0	0	0	3	1	0	2	0	1
DISTRICT OF COLUMBIA	16	42,466	0	2	2	0	4	1	0	1	6
FLORIDA	53	67,328	1	2	8	8	5	8	9	1	11
GEORGIA	44	52,650	0	2	2	6	5	10	8	6	5
HAWAII	8	10,504	1	0	0	2	2	1	1	0	1
IDAHO	7	7,053	0	0	0	1	2	1	0	2	1
ILLINOIS	95	118,063	1	7	7	17	15	14	13	7	14
INDIANA	50	49,502	1	1	5	13	6	6	11	1	6
IOWA	37	31,192	0	2	4	5	12	8	1	2	3
KANSAS	32	25,304	0	1	6	12	4	0	4	2	3
KENTUCKY	31	34,229	1	1	2	7	4	5	3	4	4
LOUISIANA	24	34,740	0	1	1	2	2	2	6	6	4
MAINE	21	12,878	0	0	5	5	3	3	0	4	1
MARYLAND	35	48,476	1	2	3	5	3	2	10	3	6
MASSACHUSETTS	83	135,507	1	3	4	12	11	10	14	14	14
MICHIGAN	66	82,794	2	1	8	10	7	13	9	10	6
MINNESOTA	44	35,607	2	1	2	9	2	6	14	4	4
MISSISSIPPI	22	19,964	0	3	1	4	1	4	4	2	3
MISSOURI	65	47,729	0	4	6	20	9	10	6	4	6
MONTANA	9	6,195	0	0	1	2	3	0	1	0	2
NEBRASKA	23	17,432	0	2	0	7	5	4	1	1	3
NEVADA	4	7,189	0	1	0	1	0	0	0	0	2
NEW HAMPSHIRE	17	15,383	1	0	0	4	2	3	5	0	2
NEW JERSEY	37	68,620	0	1	1	6	4	2	5	9	9
NEW MEXICO	10	12,844	0	0	1	3	0	2	1	1	2
NEW YORK	239	260,642	5	3	8	54	40	23	42	36	28
NORTH CAROLINA	52	77,466	0	3	4	8	9	9	6	5	8
NORTH DAKOTA	9	6,208	0	0	1	3	2	1	0	1	1
OHIO	84	102,943	0	1	3	18	18	13	15	2	14
OKLAHOMA	28	26,312	2	4	0	2	7	3	4	3	3
OREGON	31	27,205	0	1	6	5	4	3	6	3	3
PENNSYLVANIA	131	21,203	31	32	23	20	6	11	4	3	1
RHODE ISLAND	10	18,128	0	0	1	1	0	2	3	1	2
SOUTH CAROLINA	32	23,783	0	0	2	4	6	5	10	3	2
SOUTH DAKOTA	16	5,709	1	0	1	7	1	3	1	2	0
TENNESSEE	51	40,890	0	3	3	19	5	6	5	7	3
TEXAS	95	135,531	0	4	6	15	8	10	19	12	21
UTAH	6	22,403	0	0	0	1	0	1	0	1	3
VERMONT	17	10,345	0	1	2	5	3	2	2	1	1
VIRGINIA	47	67,090	0	0	2	6	5	8	14	4	8
WASHINGTON	26	39,771	1	2	0	3	2	5	5	3	5
WEST VIRGINIA	22	11,929	1	1	0	4	6	6	2	1	1
WISCONSIN	44	51,534	0	2	6	6	5	8	4	8	5
WYOMING	1	5,060	0	0	0	0	0	0	0	0	1

Table 1: Total operating expenditures and number of libraries by category of total operating expenditures, by State, and level and level and control of institution: 1988

C. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS OFFERING DOCTORAL PROGRAMS

	Total number of libraries	Total operating expenditures ($000'S)	Less than $50,000	$50,000 to $99,999	$100,000 to $199,999	$200,000 to $299,999	$300,000 to $499,999	$500,000 to $999,999	$1,000,000 to $1,999,999	$2,000,000 to $2,999,999	$3,000,000 to $3,999,999	$4,000,000 or more
TOTAL 50 STATES & DC	466	$1,667,258	10	13	32	22	25	58	82	44	28	152
ALABAMA	7	20,396	1	0	0	0	0	1	1	1	0	3
ALASKA	1	4,464	0	0	0	0	0	0	0	0	0	1
ARIZONA	3	26,223	0	0	0	0	0	0	0	1	0	2
ARKANSAS	2	5,287	0	0	0	0	0	0	1	0	0	1
CALIFORNIA	49	220,204	1	2	5	1	2	4	8	4	3	19
COLORADO	10	27,592	0	0	0	1	0	1	3	2	1	2
CONNECTICUT	7	44,699	0	1	0	0	0	1	2	1	0	2
DELAWARE	2	8,655	0	0	0	0	0	1	0	0	0	1
DISTRICT OF COLUMBIA	7	37,471	0	0	0	1	0	0	1	1	0	4
FLORIDA	14	47,292	0	1	0	0	0	5	1	1	1	5
GEORGIA	7	33,313	0	0	1	0	1	0	1	0	0	4
HAWAII	2	8,606	1	0	0	0	0	0	0	0	0	1
IDAHO	2	4,232	0	0	0	0	0	0	1	1	0	0
ILLINOIS	25	84,811	2	4	1	1	3	2	1	2	1	8
INDIANA	8	35,322	0	0	1	1	0	0	0	2	0	4
IOWA	6	22,671	0	0	0	1	1	0	1	1	0	2
KANSAS	3	16,377	0	0	0	0	0	0	0	1	0	2
KENTUCKY	7	20,838	0	0	1	1	1	1	0	0	0	3
LOUISIANA	10	26,076	0	0	0	1	0	2	3	2	0	2
MAINE	1	4,000	0	0	0	0	0	0	0	0	1	0
MARYLAND	9	33,778	0	0	2	0	0	1	2	1	1	2
MASSACHUSETTS	23	98,897	1	0	2	2	2	0	5	2	2	7
MICHIGAN	12	59,019	0	0	1	0	0	2	4	0	2	3
MINNESOTA	6	11,754	0	1	1	0	1	1	0	1	0	1
MISSISSIPPI	6	15,466	0	0	0	0	0	1	2	0	2	1
MISSOURI	14	29,581	0	0	4	0	2	2	1	2	0	3
MONTANA	2	4,394	0	0	0	0	0	0	0	2	0	0
NEBRASKA	3	10,410	0	0	0	0	0	0	1	1	0	1
NEVADA	2	7,032	0	0	0	0	0	0	0	0	2	0
NEW HAMPSHIRE	4	10,237	0	0	1	0	1	0	0	1	0	1
NEW JERSEY	10	48,953	0	0	0	0	0	0	4	1	2	3
NEW MEXICO	3	10,251	0	0	0	0	1	0	0	1	0	1
NEW YORK	50	151,511	0	0	3	2	2	14	12	4	2	11
NORTH CAROLINA	7	51,102	0	0	0	0	1	0	0	0	0	6
NORTH DAKOTA	2	4,627	0	0	0	0	0	0	1	1	0	0
OHIO	20	77,473	0	0	1	1	0	5	1	1	0	11
OKLAHOMA	6	19,465	0	0	0	1	0	0	2	0	1	2
OREGON	7	18,183	0	0	0	2	1	0	1	0	0	3
PENNSYLVANIA	23	11,804	4	4	3	4	2	2	3	0	0	1
RHODE ISLAND	2	13,276	0	0	0	0	0	0	0	0	0	2
SOUTH CAROLINA	7	11,993	0	0	1	0	1	2	1	0	1	1
SOUTH DAKOTA	4	3,268	0	0	1	0	1	0	2	0	0	0
TENNESSEE	12	30,662	0	0	1	0	1	1	6	0	1	2
TEXAS	30	101,370	0	0	1	0	1	2	8	5	2	11
UTAH	3	20,699	0	0	0	0	0	0	0	1	0	2
VERMONT	2	6,903	0	0	0	0	0	0	1	0	0	1
VIRGINIA	10	43,623	0	0	0	0	0	4	0	0	2	4
WASHINGTON	4	23,325	0	0	0	0	0	2	0	0	0	2
WEST VIRGINIA	2	4,533	0	0	0	1	0	0	0	0	0	1
WISCONSIN	7	30,081	0	0	1	1	0	1	1	0	1	2
WYOMING	1	5,060	0	0	0	0	0	0	0	0	0	1

Table 1: Total operating expenditures and number of libraries by category of total operating expenditures, by State, and level and level and control of institution: 1988

D. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH MASTER'S HIGHEST LEVEL OF OFFERING

	Total number of libraries	Total operating expenditures ($000'S)	Less than $20,000	$20,000 to $49,999	$50,000 to $99,999	$100,000 to $199,999	$200,000 to $299,999	$300,000 to $499,999	$500,000 to $999,999	$1,000,000 to $1,999,999	$2,000,000 or more
TOTAL 50 STATES & DC	802	$549,809	24	30	48	98	139	114	182	111	56
ALABAMA	18	10,694	0	1	1	1	4	3	5	3	0
ALASKA	2	2,705	0	0	0	0	0	0	1	0	1
ARIZONA	5	1,979	0	0	0	1	1	1	2	0	0
ARKANSAS	9	6,784	0	1	0	0	0	2	3	3	0
CALIFORNIA	72	76,426	1	1	6	13	16	6	10	6	13
COLORADO	9	3,989	0	0	1	1	2	1	4	0	0
CONNECTICUT	13	11,772	0	1	0	0	1	2	4	5	0
DELAWARE	2	743	0	0	0	1	0	0	1	0	0
DISTRICT OF COLUMBIA	6	4,682	0	0	2	0	2	1	0	0	1
FLORIDA	16	16,024	1	0	1	0	4	2	4	0	4
GEORGIA	22	16,552	0	0	0	0	4	4	8	5	1
HAWAII	2	548	0	0	0	0	2	0	0	0	0
IDAHO	3	2,314	0	0	0	0	2	0	0	1	0
ILLINOIS	38	26,214	0	2	0	4	8	8	7	6	3
INDIANA	21	9,186	0	0	2	5	3	2	8	1	0
IOWA	8	2,069	0	0	1	2	2	3	0	0	0
KANSAS	9	5,041	0	0	0	3	1	0	4	1	0
KENTUCKY	10	10,533	0	0	0	1	1	2	1	4	1
LOUISIANA	11	8,206	0	0	1	1	0	2	4	3	0
MAINE	6	2,587	0	0	2	0	1	2	0	1	0
MARYLAND	19	11,492	0	1	2	3	1	2	8	1	1
MASSACHUSETTS	34	24,717	1	0	2	4	4	4	10	8	1
MICHIGAN	21	15,022	1	0	1	1	4	3	5	5	1
MINNESOTA	14	14,520	0	0	0	0	0	2	8	2	2
MISSISSIPPI	9	3,708	0	1	0	1	0	4	3	0	0
MISSOURI	22	11,961	0	3	0	7	4	2	2	3	1
MONTANA	5	1,489	0	0	0	2	2	0	1	0	0
NEBRASKA	6	4,517	0	0	0	0	2	2	1	0	1
NEVADA	1	25	0	1	0	0	0	0	0	0	0
NEW HAMPSHIRE	6	2,788	0	0	0	1	1	1	3	0	0
NEW JERSEY	15	15,277	0	0	0	1	2	2	3	4	3
NEW MEXICO	5	2,394	0	0	0	2	0	1	1	1	0
NEW YORK	95	76,574	2	0	3	6	27	12	17	19	9
NORTH CAROLINA	18	18,800	0	0	0	2	2	5	3	4	2
NORTH DAKOTA	2	699	0	0	0	0	1	1	0	0	0
OHIO	24	10,315	0	0	0	6	7	6	4	0	1
OKLAHOMA	9	4,514	0	0	0	1	3	1	3	1	0
OREGON	15	7,452	0	0	2	3	2	1	5	2	0
PENNSYLVANIA	59	4,547	18	14	12	11	2	0	2	0	0
RHODE ISLAND	6	4,029	0	0	1	0	0	2	2	1	0
SOUTH CAROLINA	10	7,054	0	0	0	0	2	2	4	2	0
SOUTH DAKOTA	5	1,533	0	0	0	2	0	2	1	0	0
TENNESSEE	13	5,227	0	1	1	3	3	2	2	1	0
TEXAS	38	28,403	0	0	3	4	4	5	15	4	3
UTAH	3	1,704	0	0	0	1	0	1	0	1	0
VERMONT	10	2,734	0	1	2	0	3	2	2	0	0
VIRGINIA	15	15,031	0	0	0	2	1	0	7	3	2
WASHINGTON	14	13,080	0	2	0	0	2	2	3	2	3
WEST VIRGINIA	7	3,644	0	0	0	0	4	2	0	1	0
WISCONSIN	20	17,507	0	0	2	2	2	4	1	7	2
WYOMING	0	0	0	0	0	0	0	0	0	0	0

Table 1: Total operating expenditures and number of libraries by category of total operating expenditures, by State, and level and level and control of institution: 1988

E. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH BACCALAUREATE HIGHEST LEVEL OF OFFERING

	Total number of libraries	Total operating expenditures ($000'S)	Less than $20,000	$20,000 to $49,999	$50,000 to $99,999	$100,000 to $199,999	$200,000 to $299,999	$300,000 to $499,999	$500,000 to $999,999	$1,000,000 to $1,999,999	$2,000,000 or more
TOTAL 50 STATES & DC	813	$212,798	30	73	103	280	108	122	70	20	7
ALABAMA	10	1,391	0	0	4	4	2	0	0	0	0
ALASKA	3	326	0	0	1	2	0	0	0	0	0
ARIZONA	7	1,040	0	4	0	1	0	2	0	0	0
ARKANSAS	9	1,926	0	2	0	4	0	3	0	0	0
CALIFORNIA	45	8,232	2	0	10	26	2	3	1	1	0
COLORADO	10	4,159	0	2	0	5	0	0	2	0	1
CONNECTICUT	9	1,872	1	2	1	2	0	2	1	0	0
DELAWARE	3	508	0	0	0	2	1	0	0	0	0
DISTRICT OF COLUMBIA	3	312	0	2	0	0	1	0	0	0	0
FLORIDA	23	4,012	0	2	6	8	1	6	0	0	0
GEORGIA	15	2,785	0	2	2	5	1	5	0	0	0
HAWAII	4	1,350	0	0	0	2	0	1	1	0	0
IDAHO	2	507	0	0	0	1	0	1	0	0	0
ILLINOIS	32	7,038	1	3	3	12	6	3	4	0	0
INDIANA	21	4,993	1	1	3	7	2	4	3	0	0
IOWA	23	6,452	0	2	3	3	9	4	1	1	0
KANSAS	20	3,886	0	1	6	9	3	0	0	1	0
KENTUCKY	14	2,857	1	1	2	5	2	2	1	0	0
LOUISIANA	3	458	0	1	0	1	1	0	0	0	0
MAINE	14	6,291	0	0	3	5	2	1	0	3	0
MARYLAND	7	3,207	1	1	1	0	2	0	1	0	1
MASSACHUSETTS	26	11,893	0	2	2	6	5	4	4	1	2
MICHIGAN	33	8,753	1	1	7	8	3	10	2	1	0
MINNESOTA	24	9,333	2	1	1	8	2	3	5	2	0
MISSISSIPPI	7	790	0	2	1	3	1	0	0	0	0
MISSOURI	29	6,188	0	1	6	9	5	6	2	0	0
MONTANA	2	312	0	0	1	0	1	0	0	0	0
NEBRASKA	14	2,506	0	2	0	7	3	2	0	0	0
NEVADA	1	131	0	0	0	1	0	0	0	0	0
NEW HAMPSHIRE	7	2,359	1	0	0	2	1	1	2	0	0
NEW JERSEY	12	4,390	0	1	1	5	2	0	2	1	0
NEW MEXICO	2	199	0	0	1	1	0	0	0	0	0
NEW YORK	94	32,557	3	3	5	45	11	9	11	5	2
NORTH CAROLINA	27	7,564	0	3	4	6	7	3	3	1	0
NORTH DAKOTA	5	881	0	0	1	3	1	0	0	0	0
OHIO	40	15,156	0	1	3	11	10	7	6	1	1
OKLAHOMA	13	2,333	2	4	0	1	3	2	1	0	0
OREGON	9	1,570	0	1	4	2	0	1	1	0	0
PENNSYLVANIA	49	4,851	11	16	7	6	0	9	0	0	0
RHODE ISLAND	2	823	0	0	0	1	0	0	1	0	0
SOUTH CAROLINA	15	4,735	0	0	2	3	4	2	4	0	0
SOUTH DAKOTA	7	908	1	0	1	4	1	0	0	0	0
TENNESSEE	26	5,001	0	2	2	15	2	3	2	0	0
TEXAS	27	5,758	0	4	3	10	4	4	2	0	0
UTAH	0	0	0	0	0	0	0	0	0	0	0
VERMONT	5	707	0	0	0	5	0	0	0	0	0
VIRGINIA	22	8,436	0	0	2	4	4	8	3	1	0
WASHINGTON	8	3,365	1	0	0	3	0	3	0	1	0
WEST VIRGINIA	13	3,752	1	1	0	4	1	4	2	0	0
WISCONSIN	17	3,946	0	2	4	3	2	4	2	0	0
WYOMING	0	0	0	0	0	0	0	0	0	0	0

Table 1: Total operating expenditures and number of libraries by category of total operating expenditures, by State, and level and level and control of institution: 1988
F. LIBRARIES IN LESS THAN 4-YEAR HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Total operating expenditures ($000'S)	Less than $20,000	$20,000 to $49,999	$50,000 to $99,999	$100,000 to $199,999	$200,000 to $299,999	$300,000 to $499,999	$500,000 to $999,999	$1,000,000 to $1,999,999	$2,000,000 or more
TOTAL 50 STATES & DC	1,357	$340,210	81	106	258	389	172	161	151	35	4
ALABAMA	48	8,453	6	1	9	20	4	2	6	0	0
ALASKA	7	1,188	0	1	0	5	0	1	0	0	0
ARIZONA	19	6,834	1	0	1	4	3	5	5	0	0
ARKANSAS	16	1,522	1	3	5	6	0	1	0	0	0
CALIFORNIA	129	49,943	3	2	13	22	20	25	41	3	0
COLORADO	24	3,688	1	2	6	10	1	3	1	0	0
CONNECTICUT	20	3,066	1	0	4	8	6	1	0	0	0
DELAWARE	3	598	0	0	1	1	0	1	0	0	0
DISTRICT OF COLUMBIA	0	0	0	0	0	0	0	0	0	0	0
FLORIDA	42	20,831	2	0	4	11	4	4	12	4	1
GEORGIA	42	8,871	1	0	8	19	7	4	2	1	0
HAWAII	6	2,026	0	0	0	0	3	2	1	0	0
IDAHO	4	1,903	0	0	1	0	2	0	0	1	0
ILLINOIS	62	18,728	0	3	13	13	8	15	7	3	0
INDIANA	22	2,076	1	9	4	6	1	0	1	0	0
IOWA	21	3,830	0	0	3	9	5	4	0	0	0
KANSAS	24	3,083	0	1	12	9	1	0	1	0	0
KENTUCKY	15	3,385	2	1	6	5	0	0	0	0	1
LOUISIANA	10	1,816	0	2	0	5	1	1	1	0	0
MAINE	9	531	3	1	3	2	0	0	0	0	0
MARYLAND	22	8,419	0	2	1	6	4	4	4	1	0
MASSACHUSETTS	34	7,506	0	6	7	5	6	6	4	0	0
MICHIGAN	35	11,407	0	2	6	10	4	6	5	2	0
MINNESOTA	31	6,061	2	0	11	11	4	0	2	1	0
MISSISSIPPI	22	7,019	1	2	4	3	5	4	1	2	0
MISSOURI	22	5,136	2	1	7	9	2	0	0	0	1
MONTANA	9	702	0	3	5	1	0	0	0	0	0
NEBRASKA	12	1,836	0	1	4	5	1	0	1	0	0
NEVADA	4	1,729	0	0	0	0	2	1	1	0	0
NEW HAMPSHIRE	12	780	1	6	2	3	0	0	0	0	0
NEW JERSEY	23	9,789	1	1	1	6	2	6	3	3	0
NEW MEXICO	16	2,652	0	1	5	8	1	0	1	0	0
NEW YORK	86	24,669	7	13	16	11	8	13	14	4	0
NORTH CAROLINA	73	15,303	0	4	11	30	15	10	3	0	0
NORTH DAKOTA	10	1,014	0	5	2	2	0	1	0	0	0
OHIO	64	11,565	9	3	12	24	6	3	6	1	0
OKLAHOMA	18	4,505	0	3	3	8	0	1	2	1	0
OREGON	15	4,538	0	0	2	5	2	5	0	1	0
PENNSYLVANIA	79	4,158	29	13	20	17	0	0	0	0	0
RHODE ISLAND	1	1,493	0	0	0	0	0	0	0	1	0
SOUTH CAROLINA	31	4,435	1	1	16	7	3	1	2	0	0
SOUTH DAKOTA	3	166	0	1	2	0	0	0	0	0	0
TENNESSEE	32	5,410	1	3	11	5	6	6	0	0	0
TEXAS	73	29,463	2	2	8	19	15	9	14	3	1
UTAH	8	987	1	1	0	4	2	0	0	0	0
VERMONT	5	551	1	0	1	2	1	0	0	0	0
VIRGINIA	31	8,157	1	2	4	15	5	1	1	2	0
WASHINGTON	29	9,349	0	1	1	5	7	10	5	0	0
WEST VIRGINIA	7	841	0	2	1	3	1	0	0	0	0
WISCONSIN	19	6,776	0	1	1	5	4	3	4	1	0
WYOMING	8	1,421	0	0	1	5	0	2	0	0	0

Table 1: Total operating expenditures and number of libraries by category of total operating expenditures, by State, and level and level and control of institution: 1988
G. LIBRARIES IN PUBLIC HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Total operating expenditures ($000'S)	Less than $20,000	$20,000 to $49,999	$50,000 to $99,999	$100,000 to $199,999	$200,000 to $299,999	$300,000 to $499,999	$500,000 to $999,999	$1,000,000 to $1,999,999	$2,000,000 or more
TOTAL 50 STATES & DC	1,539	$1,747,634	31	40	110	290	193	223	284	163	205
ALABAMA	56	35,750	5	1	4	19	5	4	11	3	4
ALASKA	10	8,357	0	1	0	5	0	1	1	0	2
ARIZONA	19	32,870	0	0	0	3	3	5	5	0	3
ARKANSAS	20	13,400	0	0	3	6	0	3	3	4	1
CALIFORNIA	137	245,034	0	0	4	13	20	25	42	8	25
COLORADO	27	32,873	0	0	4	5	1	4	5	2	6
CONNECTICUT	25	17,316	0	0	2	8	6	2	2	4	1
DELAWARE	5	8,866	0	0	1	1	0	1	1	0	1
DISTRICT OF COLUMBIA	2	4,027	0	0	0	0	0	1	0	0	1
FLORIDA	38	63,953	0	0	0	3	4	4	13	4	10
GEORGIA	46	41,187	0	1	1	12	6	8	9	6	3
HAWAII	9	11,471	0	0	0	1	3	2	2	0	1
IDAHO	6	6,830	0	0	0	0	2	1	0	2	1
ILLINOIS	59	76,645	0	0	6	8	8	15	7	6	9
INDIANA	27	35,493	0	6	2	4	2	1	7	0	5
IOWA	19	24,201	0	0	2	5	5	4	0	0	3
KANSAS	30	25,099	0	0	10	9	1	0	5	2	3
KENTUCKY	9	26,472	0	0	0	0	0	0	1	4	4
LOUISIANA	20	25,671	0	0	0	3	1	1	7	5	3
MAINE	13	7,307	0	1	3	3	2	2	0	1	1
MARYLAND	34	39,448	0	1	1	5	4	4	10	4	5
MASSACHUSETTS	31	32,408	0	1	0	1	6	7	9	3	4
MICHIGAN	49	78,773	0	1	3	7	4	12	7	9	6
MINNESOTA	33	23,675	2	0	6	8	4	1	7	2	3
MISSISSIPPI	26	24,575	0	0	1	3	5	5	5	4	3
MISSOURI	25	27,297	0	0	3	6	3	1	3	4	5
MONTANA	12	6,259	0	2	3	2	2	0	1	0	2
NEBRASKA	20	14,861	0	1	3	5	2	4	2	1	2
NEVADA	6	8,761	0	0	0	0	2	1	1	0	2
NEW HAMPSHIRE	12	5,671	0	4	2	2	0	0	3	0	1
NEW JERSEY	33	46,376	0	0	1	4	2	6	6	8	6
NEW MEXICO	22	15,030	0	1	5	8	1	2	2	1	2
NEW YORK	90	111,522	0	0	1	1	11	19	25	20	13
NORTH CAROLINA	74	65,009	0	0	5	26	14	11	8	4	6
NORTH DAKOTA	15	6,758	0	4	2	4	1	2	0	1	1
OHIO	58	78,801	1	2	3	18	8	4	10	1	11
OKLAHOMA	28	23,850	0	0	2	8	4	3	6	3	2
OREGON	21	24,143	0	0	0	5	2	6	3	2	3
PENNSYLVANIA	61	6,934	22	12	9	11	1	3	1	2	0
RHODE ISLAND	3	7,061	0	0	0	0	0	0	0	2	1
SOUTH CAROLINA	33	21,018	0	0	10	5	3	2	8	3	2
SOUTH DAKOTA	7	4,425	0	0	0	1	1	2	1	2	0
TENNESSEE	24	25,590	0	0	0	2	6	6	2	6	2
TEXAS	103	122,697	1	0	3	18	15	11	26	14	15
UTAH	9	14,748	0	0	0	3	2	1	0	1	2
VERMONT	6	6,290	0	0	1	0	2	2	0	0	1
VIRGINIA	39	59,224	0	0	1	14	5	2	5	5	7
WASHINGTON	33	40,418	0	0	1	4	7	10	5	1	5
WEST VIRGINIA	16	10,706	0	1	0	3	3	5	2	1	1
WISCONSIN	31	46,108	0	0	1	4	4	5	5	8	4
WYOMING	8	6,376	0	0	1	4	0	2	0	0	1

Table 1: Total operating expenditures and number of libraries by category of total operating expenditures, by State, and level and control of institution: 1988

H. LIBRARIES IN PRIVATE HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Total operating expenditures ($000'S)	Less than $20,000	$20,000 to $49,999	$50,000 to $99,999	$100,000 to $199,999	$200,000 to $299,999	$300,000 to $499,999	$500,000 to $999,999	$1,000,000 to $1,999,999	$2,000,000 or more
TOTAL 50 STATES & DC	1,899	$1,022,441	108	175	312	509	248	199	177	85	86
ALABAMA	27	5,184	2	1	10	6	5	1	1	1	0
ALASKA	3	326	0	0	1	2	0	0	0	0	0
ARIZONA	15	3,206	1	4	1	3	1	3	2	0	0
ARKANSAS	16	2,118	1	6	2	4	0	3	0	0	0
CALIFORNIA	158	109,771	6	4	27	53	19	11	14	10	14
COLORADO	26	6,555	1	4	3	11	3	0	3	1	0
CONNECTICUT	24	44,093	2	3	4	2	1	3	4	3	2
DELAWARE	5	1,637	0	0	0	3	1	0	1	0	0
DISTRICT OF COLUMBIA	14	38,438	0	2	2	0	4	0	0	1	5
FLORIDA	57	24,206	3	2	12	16	5	8	8	1	2
GEORGIA	40	20,333	1	1	9	13	6	6	1	1	2
HAWAII	5	1,059	1	0	0	1	2	1	0	0	0
IDAHO	5	2,126	0	0	1	1	2	0	0	1	0
ILLINOIS	98	60,146	1	10	14	22	15	14	13	4	5
INDIANA	45	16,085	2	4	7	15	5	5	5	1	1
IOWA	39	10,821	0	2	5	9	12	8	1	2	0
KANSAS	26	3,288	0	2	8	12	4	0	0	0	0
KENTUCKY	37	11,142	3	2	8	12	4	5	2	0	1
LOUISIANA	14	10,886	0	3	1	4	2	2	0	1	1
MAINE	17	6,101	3	0	5	4	1	1	0	3	0
MARYLAND	23	17,447	1	3	3	6	3	2	4	0	1
MASSACHUSETTS	86	110,606	1	8	11	16	11	9	9	11	10
MICHIGAN	52	15,428	2	2	11	13	7	7	7	3	0
MINNESOTA	42	17,993	2	1	7	12	2	5	9	3	1
MISSISSIPPI	18	2,409	1	5	4	4	1	3	0	0	0
MISSOURI	62	25,568	2	5	10	23	8	9	3	0	2
MONTANA	6	638	0	1	3	1	1	0	0	0	0
NEBRASKA	15	4,408	0	2	1	7	4	0	0	0	1
NEVADA	2	157	0	1	0	1	0	0	0	0	0
NEW HAMPSHIRE	17	10,492	2	2	0	5	2	3	2	0	1
NEW JERSEY	27	32,033	1	2	1	8	4	2	2	4	3
NEW MEXICO	4	465	0	0	1	3	0	0	0	0	0
NEW YORK	235	173,789	12	16	23	64	37	17	31	20	15
NORTH CAROLINA	51	27,761	0	7	10	12	10	8	1	1	2
NORTH DAKOTA	4	464	0	1	1	1	1	0	0	0	0
OHIO	90	35,706	8	2	12	24	16	12	11	2	3
OKLAHOMA	18	6,967	2	7	1	2	3	1	0	1	1
OREGON	25	7,599	0	1	8	5	4	2	3	2	0
PENNSYLVANIA	149	18,426	38	33	34	26	5	8	3	1	1
RHODE ISLAND	8	12,560	0	0	1	1	0	2	3	0	1
SOUTH CAROLINA	30	7,200	1	1	8	6	6	4	4	0	0
SOUTH DAKOTA	12	1,451	1	1	3	6	0	1	0	0	0
TENNESSEE	59	20,710	1	6	14	22	5	6	3	1	1
TEXAS	65	42,297	1	6	11	16	8	8	7	1	7
UTAH	5	8,642	1	1	0	2	0	0	0	0	1
VERMONT	16	4,606	1	1	2	7	2	0	2	1	0
VIRGINIA	39	16,024	1	2	5	7	5	7	10	1	1
WASHINGTON	22	8,702	1	3	0	4	2	5	5	2	0
WEST VIRGINIA	13	2,064	1	2	1	4	4	1	0	0	0
WISCONSIN	32	12,202	0	3	6	7	5	6	3	1	1
WYOMING	1	104	0	0	0	1	0	0	0	0	0

Table 2: Library operating expenditures by category of expenditure, total expenditures for salaries and salaries as a percent of total operating expenditures, by State, and level and control of institution: 1988

A. ALL HIGHER EDUCATION INSTITUTIONAL LIBRARIES *

	Total number of libraries	Total operating expenditures (000'S)	Salaries and wages (000'S)	Percent of total operating expenditures (000'S)	collection expenditures total (000'S)	Equipment, total (000'S)	Preservation (000'S)	Postage (000'S)	Telecommunication (000'S)	Online database searches (000'S)	Contract computer services (000'S)	All other operating expenditures (000'S)
TOTAL 50 STATES & DC	3,438	$2,770,075	$1,451,551	52.4	$891,281	$81,874	$34,144	$8,816	$15,771	$16,576	$70,432	$199,629
ALABAMA	83	40,934	20,671	50.5	13,961	1,686	467	132	276	180	712	2,848
ALASKA	13	8,683	5,527	63.6	1,891	182	79	39	49	30	324	563
ARIZONA	34	36,075	17,867	49.5	13,813	1,235	432	138	195	166	699	1,531
ARKANSAS	36	15,518	7,645	49.3	6,135	369	147	65	84	76	449	548
CALIFORNIA	295	354,805	197,136	55.6	105,696	10,252	5,845	1,132	1,831	1,732	7,470	23,711
COLORADO	53	39,429	20,100	51.0	12,534	1,064	485	127	190	384	2,151	2,393
CONNECTICUT	49	61,409	29,140	47.5	17,998	1,343	831	132	337	278	1,723	9,628
DELAWARE	10	10,504	4,524	43.1	4,516	189	179	2	6	32	62	992
DISTRICT OF COLUMBIA	16	42,466	21,529	50.7	14,096	1,349	469	80	196	402	602	3,742
FLORIDA	95	88,159	48,297	54.8	29,250	2,408	1,103	327	528	543	1,392	4,312
GEORGIA	86	61,520	31,025	50.4	21,197	2,238	552	178	456	336	1,048	4,490
HAWAII	14	12,530	7,385	58.9	4,037	242	224	37	35	48	165	356
IDAHO	11	8,956	4,538	50.7	2,750	324	74	27	53	50	515	625
ILLINOIS	157	136,791	75,758	55.4	40,158	3,437	1,880	561	1,021	950	3,723	9,302
INDIANA	72	51,578	28,158	54.6	17,743	1,128	852	130	224	208	726	2,409
IOWA	58	35,022	17,723	50.6	12,017	749	548	167	287	175	1,124	2,232
KANSAS	56	28,387	14,244	50.2	9,930	544	376	129	201	171	769	2,021
KENTUCKY	46	37,614	18,745	49.8	12,951	1,101	446	178	305	244	946	2,697
LOUISIANA	34	36,556	18,655	51.0	13,125	514	467	79	200	208	1,557	1,751
MAINE	30	13,409	6,567	49.0	5,141	271	170	54	48	86	416	657
MARYLAND	57	56,896	30,464	53.5	17,373	1,924	773	72	135	532	1,433	4,190
MASSACHUSETTS	117	143,013	76,616	53.6	44,350	3,422	1,474	525	973	1,470	4,359	9,824
MICHIGAN	101	94,201	49,735	52.8	28,275	2,994	1,486	288	623	585	2,573	7,643
MINNESOTA	75	41,668	21,723	52.1	13,309	1,240	366	103	228	344	1,224	3,130
MISSISSIPPI	44	26,983	10,466	38.8	12,096	1,516	330	45	270	44	453	1,763
MISSOURI	87	52,865	27,329	51.7	17,847	1,391	440	176	280	416	1,083	3,903
MONTANA	18	6,897	3,475	50.4	2,409	189	42	46	82	22	279	352
NEBRASKA	35	19,268	9,408	48.8	6,928	605	276	70	119	152	448	1,261
NEVADA	8	8,918	5,013	56.2	2,874	413	103	11	60	27	180	236
NEW HAMPSHIRE	29	16,163	7,930	49.1	5,833	423	139	76	97	55	335	1,277
NEW JERSEY	60	78,409	44,135	56.3	22,736	3,178	1,214	208	451	402	2,189	3,896
NEW MEXICO	26	15,496	8,346	53.9	4,829	921	197	29	21	56	468	628
NEW YORK	325	285,311	154,357	54.1	87,279	7,123	3,707	659	1,624	1,823	8,500	20,240
NORTH CAROLINA	125	92,770	47,342	51.0	30,933	3,308	698	300	403	282	1,592	7,912
NORTH DAKOTA	19	7,222	3,613	50.0	2,704	172	66	37	36	35	207	352
OHIO	148	114,507	57,296	50.0	36,998	2,517	1,208	481	667	575	3,538	11,227
OKLAHOMA	46	30,817	15,212	49.4	11,076	902	290	139	141	131	863	2,063
OREGON	46	31,742	15,704	49.5	11,717	1,043	187	101	171	195	700	1,924
PENNSYLVANIA	210	25,361	12,642	49.8	8,257	901	368	76	190	269	748	1,909
RHODE ISLAND	11	19,620	9,601	48.9	5,994	490	215	66	147	52	635	2,420
SOUTH CAROLINA	63	28,218	14,155	50.2	9,530	1,083	356	83	134	144	656	2,078
SOUTH DAKOTA	19	5,876	2,679	45.6	2,300	129	79	28	43	32	249	337
TENNESSEE	83	46,300	24,002	51.8	15,473	1,581	475	178	343	403	745	3,101
TEXAS	168	164,994	83,928	50.9	53,984	6,300	1,448	577	869	1,085	4,485	12,318
UTAH	14	23,390	10,974	46.9	9,222	771	253	73	60	129	355	1,554
VERMONT	22	10,896	5,219	47.9	3,853	532	118	45	82	91	207	748
VIRGINIA	78	75,248	37,233	49.5	24,940	1,783	969	177	323	318	1,199	8,306
WASHINGTON	55	49,120	27,617	56.2	14,484	1,410	513	130	210	187	1,619	2,950
WEST VIRGINIA	29	12,770	6,556	51.3	4,582	313	163	60	68	54	296	678
WISCONSIN	63	58,310	30,806	52.8	17,266	2,458	471	221	360	358	2,210	4,161
WYOMING	9	6,480	2,738	42.3	2,890	218	93	23	41	8	29	441

* Institutions with accreditation at the higher education level recognized by the Secretary of Education, 1988

Table 2: Library operating expenditures by category of expenditure, total expenditures for salaries and salaries as a percent of total operating expenditures, by State, and level and control of institution: 1988

B. TOTAL FOUR-YEAR HIGHER EDUCATION INSTITUTIONAL LIBRARIES

	Total number of libraries	Total operating expenditures (000'S)	Salaries and wages (000'S)	Percent of total operating expenditures (000'S)	collection expenditures total (000'S)	Equipment, total (000'S)	Preservation (000'S)	Postage (000'S)	Telecommuni-cation (000'S)	Online database searches (000'S)	Contract computer services (000'S)	All other operating expenditures (000'S)
TOTAL 50 STATES & DC	2,081	$2,429,865	$1,232,883	50.7	$818,583	$64,022	$33,202	$8,224	$14,352	$15,216	$63,827	$179,556
ALABAMA	35	32,481	15,304	47.1	12,149	1,206	432	109	229	149	555	2,349
ALASKA	6	7,495	4,839	64.6	1,682	167	79	35	47	25	291	330
ARIZONA	15	29,242	13,507	46.2	12,429	755	420	131	173	135	580	1,112
ARKANSAS	20	13,996	6,682	47.7	5,758	320	141	61	77	58	422	477
CALIFORNIA	166	304,862	163,023	53.5	96,130	7,666	5,691	1,068	1,714	1,522	6,449	21,598
COLORADO	29	35,740	17,849	49.9	11,683	893	475	114	171	363	2,070	2,123
CONNECTICUT	29	58,343	26,963	46.2	17,443	1,263	830	131	308	274	1,583	9,548
DELAWARE	7	9,906	4,143	41.8	4,354	169	178	1	5	31	45	979
DISTRICT OF COLUMBIA	16	42,466	21,529	50.7	14,096	1,349	469	80	196	402	602	3,742
FLORIDA	53	67,328	33,906	50.4	25,421	1,511	1,049	302	425	502	1,140	3,072
GEORGIA	44	52,650	25,919	49.2	18,798	1,787	525	161	394	308	813	3,944
HAWAII	8	10,504	5,960	56.7	3,665	112	223	32	29	47	156	280
IDAHO	7	7,053	3,481	49.4	2,440	148	66	23	45	11	466	372
ILLINOIS	95	118,063	63,022	53.4	36,746	2,340	1,806	512	943	883	3,359	8,452
INDIANA	50	49,502	26,769	54.1	17,398	990	838	126	214	188	689	2,289
IOWA	37	31,192	15,475	49.6	11,159	486	542	159	279	162	1,068	1,862
KANSAS	32	25,304	12,377	48.9	9,056	394	362	123	191	162	723	1,917
KENTUCKY	31	34,229	16,724	48.9	11,940	1,018	436	172	282	214	882	2,559
LOUISIANA	24	34,740	17,552	50.5	12,670	384	450	76	196	204	1,529	1,679
MAINE	21	12,878	6,208	48.2	5,007	263	170	54	48	77	416	635
MARYLAND	35	48,476	24,416	50.4	15,799	1,605	747	69	129	504	1,275	3,927
MASSACHUSETTS	83	135,507	71,781	53.0	42,403	3,199	1,465	513	956	1,448	4,114	9,628
MICHIGAN	66	82,794	42,554	51.4	26,152	2,607	1,472	278	598	545	2,282	6,306
MINNESOTA	44	35,607	18,724	52.6	11,184	765	348	93	191	305	1,096	2,902
MISSISSIPPI	22	19,964	7,313	36.6	10,088	421	308	43	266	44	417	1,065
MISSOURI	65	47,729	23,898	50.1	16,863	1,219	433	169	269	393	1,051	3,435
MONTANA	9	6,195	3,097	50.0	2,254	157	41	43	29	21	270	283
NEBRASKA	23	17,432	8,419	48.3	6,448	468	272	67	113	141	394	1,111
NEVADA	4	7,189	3,863	53.7	2,487	298	102	11	56	25	142	205
NEW HAMPSHIRE	17	15,383	7,473	48.6	5,600	395	138	74	95	51	316	1,243
NEW JERSEY	37	68,620	37,387	54.5	20,970	2,724	1,167	198	423	377	2,008	3,365
NEW MEXICO	10	12,844	6,898	53.7	3,943	793	192	21	16	49	407	525
NEW YORK	239	260,642	136,978	52.6	82,427	6,362	3,641	624	1,516	1,716	8,061	19,318
NORTH CAROLINA	52	77,466	38,325	49.5	27,242	1,836	675	277	355	256	1,515	6,986
NORTH DAKOTA	9	6,208	3,038	48.9	2,406	116	65	32	31	34	177	309
OHIO	84	102,943	50,733	49.3	34,181	2,054	1,158	445	583	476	3,223	10,089
OKLAHOMA	28	26,312	12,333	46.9	10,200	584	284	129	134	119	822	1,708
OREGON	31	27,205	12,782	47.0	10,904	777	182	88	154	179	554	1,585
PENNSYLVANIA	131	21,203	10,579	49.9	7,139	635	327	61	123	147	558	1,633
RHODE ISLAND	10	18,128	8,648	47.7	5,820	430	215	66	147	52	635	2,115
SOUTH CAROLINA	32	23,783	11,521	48.4	8,384	882	341	66	104	115	600	1,770
SOUTH DAKOTA	16	5,709	2,586	45.3	2,256	119	77	27	41	28	245	331
TENNESSEE	51	40,890	21,122	51.7	13,851	1,316	441	143	273	356	627	2,760
TEXAS	95	135,531	64,659	47.7	48,243	5,062	1,387	523	742	1,041	3,773	10,101
UTAH	6	22,403	10,455	46.7	8,893	738	252	69	53	125	339	1,479
VERMONT	17	10,345	4,929	47.6	3,665	500	118	44	72	90	198	730
VIRGINIA	47	67,090	31,678	47.2	23,288	1,254	956	176	316	304	1,146	7,972
WASHINGTON	26	39,771	21,061	53.0	12,913	985	502	122	175	161	1,417	2,435
WEST VIRGINIA	22	11,929	6,070	50.9	4,367	262	160	54	63	47	275	630
WISCONSIN	44	51,534	26,523	51.5	15,642	2,050	465	209	342	340	2,053	3,910
WYOMING	1	5,060	1,808	35.7	2,545	189	91	20	24	4	0	379

Table 2: Library operating expenditures by category of expenditure, total expenditures for salaries and salaries as a percent of total operating expenditures, by State, and level and control of institution: 1988

C. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS OFFERING DOCTORAL PROGRAMS

	Total number of libraries	Total operating expenditures (000'S)	Salaries and wages (000'S)	Percent of total operating expenditures (000'S)	collection expenditures total (000'S)	Equipment, total (000'S)	Preservation (000'S)	Postage (000'S)	Telecommunication (000'S)	Online database searches (000'S)	Contract computer services (000'S)	All other operating expenditures (000'S)
TOTAL 50 STATES & DC	466	$1,667,258	$828,808	49.7	$566,596	$41,641	$25,528	$6,061	$11,044	$10,560	$40,696	$136,323
ALABAMA	7	20,396	8,805	43.2	8,239	616	342	75	165	84	261	1,809
ALASKA	1	4,464	3,081	69.0	875	32	25	19	33	8	154	235
ARIZONA	3	26,223	12,018	45.8	11,392	584	389	123	158	110	489	959
ARKANSAS	2	5,287	2,646	50.0	2,146	68	68	27	34	28	84	186
CALIFORNIA	49	220,204	117,852	53.5	66,825	4,987	4,824	867	1,404	1,055	4,370	18,021
COLORADO	10	27,592	13,488	48.9	9,210	638	355	92	124	250	1,829	1,606
CONNECTICUT	7	44,699	19,391	43.4	13,112	912	709	114	261	166	969	9,065
DELAWARE	2	8,655	3,441	39.8	3,953	99	173	*0*	0	29	0	959
DISTRICT OF COLUMBIA	7	37,471	18,825	50.2	12,364	1,192	448	78	187	356	558	3,463
FLORIDA	14	47,292	23,660	50.0	17,826	1,056	949	179	305	402	754	2,160
GEORGIA	7	33,313	15,747	47.3	12,479	1,050	346	112	261	228	357	2,733
HAWAII	2	8,606	4,943	57.4	3,062	28	210	26	16	39	103	178
IDAHO	2	4,232	1,998	47.2	1,554	101	45	13	30	1	316	174
ILLINOIS	25	84,811	44,112	52.0	27,077	1,440	1,490	416	801	628	2,273	6,573
INDIANA	8	35,322	19,456	55.1	12,348	660	643	83	180	126	299	1,527
IOWA	6	22,671	11,428	50.4	8,334	268	441	118	234	112	707	1,029
KANSAS	3	16,377	7,541	46.0	6,320	120	264	80	98	43	483	1,427
KENTUCKY	7	20,838	10,048	48.2	6,949	646	267	125	171	171	464	1,996
LOUISIANA	10	26,076	12,675	48.6	9,936	246	351	58	170	152	1,252	1,236
MAINE	1	4,000	1,639	41.0	1,790	107	52	17	11	17	99	267
MARYLAND	9	33,778	16,475	48.8	11,073	1,299	541	64	123	388	699	3,116
MASSACHUSETTS	23	98,897	52,751	53.3	30,414	2,276	1,080	398	784	690	2,857	7,647
MICHIGAN	12	59,019	29,374	49.8	18,803	2,118	1,225	214	495	460	1,692	4,637
MINNESOTA	6	11,754	5,214	44.4	3,681	246	184	36	56	200	299	1,839
MISSISSIPPI	6	15,466	5,026	32.5	8,766	346	259	24	54	32	316	643
MISSOURI	14	29,581	14,289	48.3	10,641	785	303	110	196	314	654	2,290
MONTANA	2	4,394	2,152	49.0	1,731	110	30	31	10	18	132	180
NEBRASKA	3	10,410	4 739	45.5	4,078	257	176	35	73	122	173	757
NEVADA	2	7,032	3,790	53.9	2,434	286	100	11	56	23	138	196
NEW HAMPSHIRE	4	10,237	4,816	47.0	3,927	268	115	46	68	24	94	881
NEW JERSEY	10	48,953	26,048	53.2	15,069	2,121	955	166	382	218	1,372	2,624
NEW MEXICO	3	10,251	5,531	54.0	3,265	525	174	17	13	39	360	326
NEW YORK	50	151,511	76,870	50.7	48,076	3,824	2,468	437	1,244	1,076	4,367	13,149
NORTH CAROLINA	7	51,102	24,448	47.8	17,924	1,330	467	177	187	164	768	5,638
NORTH DAKOTA	2	4,627	2,151	46.5	1,897	72	63	26	15	28	130	246
OHIO	20	77,473	37,802	48.8	25,777	1,507	808	340	515	349	2,467	7,908
OKLAHOMA	6	19,465	8,845	45.4	8,005	426	246	83	99	83	579	1,100
OREGON	7	18,183	8,554	47.0	7,658	396	65	55	122	101	265	965
PENNSYLVANIA	23	11,804	5,653	47.9	4,027	327	211	31	85	86	244	1,141
RHODE ISLAND	2	13,276	6,051	45.6	4,189	310	166	60	143	31	474	1,854
SOUTH CAROLINA	7	11,993	5,878	49.0	4,308	332	212	45	67	57	329	766
SOUTH DAKOTA	4	3,268	1,354	41.4	1,523	29	51	13	26	9	117	146
TENNESSEE	12	30,662	15,547	50.7	10,572	1,026	326	115	218	316	361	2,181
TEXAS	30	101,370	47,993	47.3	35,492	3,536	1,042	426	614	936	2,786	8,544
UTAH	3	20,699	9,468	45.7	8,358	693	235	61	44	123	282	1,436
VERMONT	2	6,903	3,045	44.1	2,569	360	97	31	52	75	114	561
VIRGINIA	10	43,623	20,393	46.7	15,548	751	646	97	243	200	451	5,294
WASHINGTON	4	23,325	12,395	53.1	7,303	533	370	88	124	94	843	1,576
WEST VIRGINIA	2	4,533	2,152	47.5	1,932	72	107	36	40	25	43	125
WISCONSIN	7	30,081	15,404	51.2	9,219	442	321	146	229	272	1,469	2,577
WYOMING	1	5,060	1,808	35.7	2,545	189	91	20	24	4	0	379

0: Actual value is between 1 and 499

Table 2: Library operating expenditures by category of expenditure, total expenditures for salaries and salaries as a percent of total operating expenditures, by State, and level and control of institution: 1988

D. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH MASTER'S HIGHEST LEVEL OF OFFERING

	Total number of libraries	Total operating expenditures (000'S)	Salaries and wages (000'S)	Percent of total operating expenditures (000'S)	collection expenditures total (000'S)	Equipment, total (000'S)	Preservation (000'S)	Postage (000'S)	Telecommuni-cation (000'S)	Online database searches (000'S)	Contract computer services (000'S)	All other operating expenditures (000'S)
TOTAL 50 STATES & DC	802	$549,809	$292,892	53.3	$182,492	$15,624	$5,575	$1,501	$2,449	$3,503	$16,550	$29,224
ALABAMA	18	10,694	5,734	53.6	3,454	518	82	28	56	62	279	481
ALASKA	2	2,705	1,644	60.8	714	53	51	15	12	12	126	77
ARIZONA	5	1,979	975	49.2	726	74	20	5	8	20	54	97
ARKANSAS	9	6,784	3,003	44.3	2,929	208	57	22	33	15	275	241
CALIFORNIA	72	76,426	41,928	54.9	25,751	2,288	807	181	286	379	1,888	2,918
COLORADO	9	3,989	2,075	52.0	1,280	128	63	11	26	82	124	201
CONNECTICUT	13	11,772	6,623	56.3	3,692	304	109	13	38	97	563	332
DELAWARE	2	743	426	57.3	237	43	*0*	*0*	4	1	32	1
DISTRICT OF COLUMBIA	6	4,682	2,520	53.8	1,632	149	19	2	10	46	28	278
FLORIDA	16	16,024	8,163	50.9	6,302	323	61	111	97	79	307	581
GEORGIA	22	16,552	8,859	53.5	5,403	524	142	40	126	73	402	983
HAWAII	2	548	290	53.0	188	35	*0*	1	5	1	9	18
IDAHO	3	2,314	1,212	52.4	745	26	17	9	11	6	128	159
ILLINOIS	38	26,214	15,263	58.2	7,439	707	257	72	114	212	855	1,294
INDIANA	21	9,186	4,784	52.1	3,287	250	124	22	18	39	215	448
IOWA	8	2,069	890	43.0	658	37	17	10	13	14	95	334
KANSAS	9	5,041	2,732	54.2	1,577	123	47	26	61	83	107	285
KENTUCKY	10	10,533	5,138	48.8	4,047	278	153	34	87	29	358	409
LOUISIANA	11	8,206	4,597	56.0	2,591	128	80	17	25	51	277	440
MAINE	6	2,587	1,293	50.0	907	54	38	18	7	34	95	143
MARYLAND	19	11,492	6,207	54.0	3,583	259	167	4	0	64	505	703
MASSACHUSETTS	34	24,717	12,734	51.5	8,269	669	289	66	108	690	879	1,014
MICHIGAN	21	15,022	8,392	55.9	4,728	303	169	42	78	49	353	909
MINNESOTA	14	14,520	8,562	59.0	4,458	186	102	26	86	69	370	661
MISSISSIPPI	9	3,708	1,899	51.2	1,083	53	46	11	210	10	96	300
MISSOURI	22	11,961	6,286	52.6	4,358	279	85	39	54	50	200	609
MONTANA	5	1,489	779	52.3	430	35	11	10	16	3	113	93
NEBRASKA	6	4,517	2,292	50.7	1,609	132	67	25	30	8	137	218
NEVADA	1	25	16	63.2	9	0	0	0	0	0	0	*0*
NEW HAMPSHIRE	6	2,788	1,422	51.0	916	79	5	19	15	15	140	178
NEW JERSEY	15	15,277	8,808	57.7	4,632	470	180	25	35	140	462	525
NEW MEXICO	5	2,394	1,258	52.5	628	257	16	3	1	7	43	181
NEW YORK	95	76,574	41,945	54.8	24,572	1,371	794	136	165	447	2,699	4,446
NORTH CAROLINA	18	18,800	9,976	53.1	6,643	377	149	76	121	49	467	942
NORTH DAKOTA	2	699	394	56.3	220	28	1	1	11	3	6	36
OHIO	24	10,315	4,972	48.2	3,623	252	172	31	12	60	279	913
OKLAHOMA	9	4,514	2,310	51.2	1,405	112	29	25	31	31	196	375
OREGON	15	7,452	3,449	46.3	2,781	253	94	28	29	71	244	504
PENNSYLVANIA	59	4,547	2,449	53.8	1,510	144	54	13	14	32	129	201
RHODE ISLAND	6	4,029	2,161	53.6	1,335	87	50	4	3	16	141	232
SOUTH CAROLINA	10	7,054	3,502	49.6	2,344	173	83	14	30	37	219	652
SOUTH DAKOTA	5	1,533	795	51.9	470	26	17	7	8	7	75	127
TENNESSEE	13	5,227	2,793	53.4	1,654	131	74	18	28	25	129	374
TEXAS	38	28,403	13,839	48.7	10,567	1,313	505	81	109	95	855	1,240
UTAH	3	1,704	987	57.9	535	45	16	8	9	2	58	43
VERMONT	10	2,734	1,496	54.7	871	106	15	11	18	10	74	114
VIRGINIA	15	15,031	7,124	47.4	4,845	298	195	53	47	65	495	1,909
WASHINGTON	14	13,080	6,897	52.7	4,485	327	114	29	39	50	396	743
WEST VIRGINIA	7	3,644	1,974	54.2	1,249	99	30	9	9	13	105	156
WISCONSIN	20	17,507	9,026	51.6	5,101	1,512	103	50	95	51	469	1,101
WYOMING	0	0	0	0.0	0	0	0	0	0	0	0	0

0: Actual value is between 1 and 499

Table 2: Library operating expenditures by category of expenditure, total expenditures for salaries and salaries as a percent of total operating expenditures, by State, and level and control of institution: 1988
E. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH BACCALAUREATE HIGHEST LEVEL OF OFFERING

	Total number of libraries	Total operating expenditures (000'S)	Salaries and wages (000'S)	Percent of total operating expenditures (000'S)	collection expenditures total (000'S)	Equipment, total (000'S)	Preservation (000'S)	Postage (000'S)	Telecommunication (000'S)	Online database searches (000'S)	Contract computer services (000'S)	All other operating expenditures (000'S)
TOTAL 50 STATES & DC	813	$212,798	$111,183	52.2	$69,495	$6,757	$2,100	$662	$860	$1,153	$6,580	$14,009
ALABAMA	10	1,391	765	55.0	456	72	8	6	8	3	15	58
ALASKA	3	326	114	34.9	93	81	3	1	1	5	10	18
ARIZONA	7	1,040	514	49.4	311	98	10	2	7	6	36	56
ARKANSAS	9	1,926	1,033	53.6	683	44	17	12	10	15	63	49
CALIFORNIA	45	8,232	3,243	39.4	3,554	391	60	20	24	88	192	659
COLORADO	10	4,159	2,286	55.0	1,193	127	58	10	21	31	117	316
CONNECTICUT	9	1,872	949	50.7	639	47	12	4	9	11	50	150
DELAWARE	3	508	277	54.5	164	28	5	*0*	1	1	13	19
DISTRICT OF COLUMBIA	3	312	184	59.1	101	8	2	*0*	*0*	*0*	16	1
FLORIDA	23	4,012	2,083	51.9	1,293	131	39	12	23	21	79	331
GEORGIA	15	2,785	1,313	47.1	917	213	36	10	7	7	54	228
HAWAII	4	1,350	726	53.8	414	50	12	4	8	8	43	84
IDAHO	2	507	272	53.6	140	21	4	1	4	4	22	39
ILLINOIS	32	7,038	3,647	51.8	2,230	193	59	24	27	43	231	585
INDIANA	21	4,993	2,528	50.6	1,763	81	72	21	16	24	175	314
IOWA	23	6,452	3,157	48.9	2,167	181	84	32	32	36	265	500
KANSAS	20	3,886	2,104	54.1	1,159	150	51	17	32	36	133	204
KENTUCKY	14	2,857	1,538	53.8	943	94	16	12	24	14	60	155
LOUISIANA	3	458	281	61.3	143	10	19	*0*	1	1	*0*	2
MAINE	14	6,291	3,276	52.1	2,311	102	80	20	30	26	222	224
MARYLAND	7	3,207	1,734	54.1	1,143	47	39	1	6	57	72	107
MASSACHUSETTS	26	11,893	6,295	52.9	3,720	255	96	49	64	68	378	968
MICHIGAN	33	8,753	4,787	54.7	2,621	187	77	22	25	36	238	760
MINNESOTA	24	9,333	4,948	53.0	3,045	333	61	31	49	37	427	402
MISSISSIPPI	7	790	388	49.1	239	22	3	8	1	2	5	121
MISSOURI	29	6,188	3,323	53.7	1,864	155	46	19	19	29	196	536
MONTANA	2	312	165	53.1	93	12	1	2	3	1	25	10
NEBRASKA	14	2,506	1,389	55.4	761	79	29	7	10	10	83	137
NEVADA	1	131	57	43.3	44	12	2	*0*	1	2	5	9
NEW HAMPSHIRE	7	2,359	1,235	52.4	758	47	18	9	12	12	83	184
NEW JERSEY	12	4,390	2,531	57.6	1,270	134	32	7	7	20	174	216
NEW MEXICO	2	199	110	55.0	49	12	2	1	1	2	5	18
NEW YORK	94	32,557	18,163	55.8	9,779	1,168	379	51	107	193	995	1,723
NORTH CAROLINA	27	7,564	3,900	51.6	2,675	130	59	24	47	43	281	406
NORTH DAKOTA	5	881	493	55.9	290	16	1	5	5	3	41	27
OHIO	40	15,156	7,960	52.5	4,780	295	178	74	56	67	477	1,268
OKLAHOMA	13	2,333	1,178	50.5	790	46	9	21	4	5	47	233
OREGON	9	1,570	778	49.6	466	128	22	5	3	7	45	116
PENNSYLVANIA	49	4,851	2,478	51.1	1,602	164	61	17	24	29	185	291
RHODE ISLAND	2	823	436	53.0	297	32	0	3	1	6	20	29
SOUTH CAROLINA	15	4,735	2,141	45.2	1,731	377	46	7	7	21	52	353
SOUTH DAKOTA	7	908	438	48.2	262	64	9	6	6	12	53	58
TENNESSEE	26	5,001	2,783	55.6	1,625	159	41	9	27	15	137	205
TEXAS	27	5,758	2,827	49.1	2,184	213	41	16	20	10	132	317
UTAH	0	0	0	0.0	0	0	0	0	0	0	0	0
VERMONT	5	707	388	54.8	205	34	6	2	2	5	10	56
VIRGINIA	22	8,436	4,161	49.3	2,895	205	116	25	25	40	200	769
WASHINGTON	8	3,365	1,769	52.6	1,126	126	18	5	12	17	178	116
WEST VIRGINIA	13	3,752	1,945	51.9	1,186	91	23	9	13	10	126	348
WISCONSIN	17	3,946	2,093	53.0	1,321	95	40	13	19	17	115	232
WYOMING	0	0	0	0.0	0	0	0	0	0	0	0	0

0: Actual value is between 1 and 499

Table 2: Library operating expenditures by category of expenditure, total expenditures for salaries and salaries as a percent of total operating expenditures, by State, and level and control of institution: 1988

F. LIBRARIES IN LESS THAN 4-YEAR HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Total operating expenditures (000'S)	Salaries and wages (000'S)	Percent of total operating expenditures (000'S)	collection expenditures total (000'S)	Equipment, total (000'S)	Preservation (000'S)	Postage (000'S)	Telecommunication (000'S)	Online database searches (000'S)	Contract computer services (000'S)	All other operating expenditures (000'S)
TOTAL 50 STATES & DC	1,357	$340,210	$218,668	64.3	$72,698	$17,853	$942	$592	$1,419	$1,360	$6,605	$20,073
ALABAMA	48	8,453	5,367	63.5	1,813	481	35	23	46	31	157	500
ALASKA	7	1,188	688	57.9	209	15	*0*	4	2	5	33	232
ARIZONA	19	6,834	4,360	63.8	1,384	479	12	7	22	30	119	419
ARKANSAS	16	1,522	964	63.3	378	49	6	3	7	18	27	71
CALIFORNIA	129	49,943	34,113	68.3	9,566	2,586	154	64	117	210	1,021	2,112
COLORADO	24	3,688	2,251	61.0	851	171	10	13	19	21	81	270
CONNECTICUT	20	3,066	2,177	71.0	554	80	1	1	29	4	141	80
DELAWARE	3	598	381	63.8	162	20	*0*	1	1	1	17	13
DISTRICT OF COLUMBIA	0	0	0	0.0	0	0	0	0	0	0	0	0
FLORIDA	42	20,831	14,390	69.1	3,829	897	54	24	103	41	252	1,241
GEORGIA	42	8,871	5,106	57.6	2,399	451	27	17	62	27	235	547
HAWAII	6	2,026	1,425	70.3	371	130	1	6	6	1	10	75
IDAHO	4	1,903	1,058	55.6	310	176	8	4	8	38	49	253
ILLINOIS	62	18,728	12,736	68.0	3,412	1,097	75	49	78	67	364	850
INDIANA	22	2,076	1,389	66.9	346	137	13	4	10	20	37	120
IOWA	21	3,830	2,248	58.7	858	263	6	8	7	14	57	370
KANSAS	24	3,083	1,867	60.6	875	150	14	6	10	10	46	104
KENTUCKY	15	3,385	2,021	59.7	1,012	83	10	7	23	30	64	138
LOUISIANA	10	1,816	1,103	60.7	455	130	18	3	4	4	28	72
MAINE	9	531	359	67.6	134	8	0	*0*	0	9	0	22
MARYLAND	22	8,419	6,048	71.8	1,574	319	26	3	6	23	157	264
MASSACHUSETTS	34	7,506	4,836	64.4	1,947	222	9	12	17	22	245	196
MICHIGAN	35	11,407	7,181	63.0	2,123	386	14	10	25	40	290	1,337
MINNESOTA	31	6,061	2,999	49.5	2,125	475	18	9	38	39	129	228
MISSISSIPPI	22	7,019	3,153	44.9	2,008	1,095	22	2	4	0	36	698
MISSOURI	22	5,136	3,431	66.8	984	173	7	7	11	23	33	467
MONTANA	9	702	378	53.8	156	32	1	2	54	2	9	69
NEBRASKA	12	1,836	989	53.9	480	138	4	3	6	11	54	150
NEVADA	4	1,729	1,150	66.5	387	115	2	*0*	4	2	38	31
NEW HAMPSHIRE	12	780	457	58.6	233	29	1	2	2	4	19	34
NEW JERSEY	23	9,789	6,748	68.9	1,765	454	46	10	28	25	182	531
NEW MEXICO	16	2,652	1,448	54.6	886	128	5	7	5	7	61	103
NEW YORK	86	24,669	17,379	70.4	4,851	761	66	35	108	107	439	922
NORTH CAROLINA	73	15,303	9,017	58.9	3,691	1,472	24	23	48	26	77	926
NORTH DAKOTA	10	1,014	575	56.7	298	56	1	5	5	1	30	43
OHIO	64	11,565	6,563	56.8	2,817	463	50	36	84	99	315	1,138
OKLAHOMA	18	4,505	2,879	63.9	876	317	6	10	8	12	41	354
OREGON	15	4,538	2,923	64.4	813	267	5	13	17	16	146	339
PENNSYLVANIA	79	4,158	2,062	49.6	1,118	266	41	15	67	122	191	276
RHODE ISLAND	1	1,493	953	63.9	174	60	0	0	0	0	0	305
SOUTH CAROLINA	31	4,435	2,635	59.4	1,146	201	15	16	30	30	56	307
SOUTH DAKOTA	3	166	93	55.6	45	10	2	1	2	4	4	6
TENNESSEE	32	5,410	2,879	53.2	1,622	265	34	35	70	46	118	341
TEXAS	73	29,463	19,269	65.4	5,741	1,238	60	54	127	44	712	2,218
UTAH	8	987	518	52.5	329	33	2	4	7	4	16	75
VERMONT	5	551	290	52.7	188	32	1	2	11	1	9	18
VIRGINIA	31	8,157	5,555	68.1	1,652	529	13	1	7	14	53	335
WASHINGTON	29	9,349	6,557	70.1	1,571	425	10	9	35	26	202	515
WEST VIRGINIA	7	841	486	57.7	215	51	3	6	5	7	21	48
WISCONSIN	19	6,776	4,284	63.2	1,624	408	6	11	17	18	157	251
WYOMING	8	1,421	930	65.5	345	29	2	3	17	4	29	62

0: Actual value is between 1 and 499

Table 2: Library operating expenditures by category of expenditure, total expenditures for salaries and salaries as a percent of total operating expenditures, by State, and level and control of institution: 1988
G. LIBRARIES IN PUBLIC HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Total operating expenditures (000'S)	Salaries and wages (000'S)	Percent of total operating expenditures (000'S)	collection expenditures total (000'S)	Equipment, total (000'S)	Preservation (000'S)	Postage (000'S)	Telecommunication (000'S)	Online database searches (000'S)	Contract computer services (000'S)	All other operating expenditures (000'S)
TOTAL 50 STATES & DC	1,539	$1,747,634	$947,077	54.2	$551,013	$53,997	$20,523	$5,571	$9,304	$7,849	$41,127	$111,173
ALABAMA	56	35,750	17,972	50.3	12,114	1,529	422	116	245	116	601	2,635
ALASKA	10	8,357	5,413	64.8	1,798	101	76	38	48	25	314	544
ARIZONA	19	32,870	16,297	49.6	12,725	1,048	399	130	177	133	598	1,363
ARKANSAS	20	13,400	6,520	48.7	5,422	311	119	61	75	63	372	457
CALIFORNIA	137	245,034	143,404	58.5	67,473	7,257	4,175	728	998	862	4,326	15,812
COLORADO	27	32,873	17,015	51.8	10,166	867	389	108	162	262	1,837	2,067
CONNECTICUT	25	17,316	10,109	58.4	5,079	411	223	28	119	154	507	687
DELAWARE	5	8,866	3,831	43.2	3,854	59	173	1	5	2	47	894
DISTRICT OF COLUMBIA	2	4,027	2,219	55.1	1,391	120	3	0	0	46	0	248
FLORIDA	38	63,953	36,367	56.9	20,852	1,694	835	264	350	308	722	2,560
GEORGIA	46	41,187	21,265	51.6	14,241	1,385	274	121	317	204	583	2,797
HAWAII	9	11,471	6,821	59.5	3,683	186	218	34	28	46	141	313
IDAHO	6	6,830	3,488	51.1	2,284	149	68	21	44	14	437	325
ILLINOIS	59	76,645	45,182	58.9	21,741	2,137	933	300	468	410	1,896	3,579
INDIANA	27	35,493	19,736	55.6	11,884	853	531	84	149	130	301	1,823
IOWA	19	24,201	12,733	52.6	8,164	479	421	119	236	111	659	1,280
KANSAS	30	25,099	12,524	49.9	8,874	387	341	117	188	139	646	1,883
KENTUCKY	9	26,472	13,281	50.2	9,193	702	311	141	212	146	620	1,866
LOUISIANA	20	25,671	13,891	54.1	9,246	304	310	52	132	141	508	1,086
MAINE	13	7,307	3,478	47.6	2,836	181	81	38	14	43	199	437
MARYLAND	34	39,448	21,993	55.8	11,919	1,315	546	67	129	270	1,044	2,165
MASSACHUSETTS	31	32,408	17,933	55.3	10,918	817	316	72	100	144	1,183	924
MICHIGAN	49	78,773	41,979	53.3	22,748	2,631	1,281	259	582	436	2,110	6,747
MINNESOTA	33	23,675	13,197	55.7	7,591	739	199	66	137	86	505	1,155
MISSISSIPPI	26	24,575	9,255	37.7	11,392	1,458	303	34	266	38	380	1,450
MISSOURI	25	27,297	15,342	56.2	9,163	544	119	86	107	91	422	1,424
MONTANA	12	6,259	3,141	50.2	2,224	174	42	42	28	21	250	338
NEBRASKA	20	14,861	7,228	48.6	5,232	449	219	64	106	102	336	1,124
NEVADA	6	8,761	4,940	56.4	2,821	401	102	11	60	25	175	226
NEW HAMPSHIRE	12	5,671	2,743	48.4	2,185	130	49	32	34	23	254	220
NEW JERSEY	33	46,376	26,882	58.0	12,652	2,247	559	126	194	284	1,325	2,106
NEW MEXICO	22	15,030	8,038	53.5	4,727	906	194	27	20	53	463	602
NEW YORK	90	111,522	67,798	60.8	30,661	2,407	972	201	409	536	3,414	5,124
NORTH CAROLINA	74	65,009	34,087	52.4	20,458	3,018	590	268	342	194	1,114	4,937
NORTH DAKOTA	15	6,758	3,353	49.6	2,562	160	66	36	34	33	188	329
OHIO	58	78,801	40,187	51.0	24,613	1,632	691	339	456	307	2,490	8,086
OKLAHOMA	28	23,850	12,052	50.5	8,085	754	220	117	128	89	589	1,816
OREGON	21	24,143	12,403	51.4	8,887	725	91	71	138	112	419	1,297
PENNSYLVANIA	61	6,934	3,964	57.2	2,067	148	89	15	39	29	123	461
RHODE ISLAND	3	7,061	3,817	54.1	2,239	234	78	15	29	21	291	338
SOUTH CAROLINA	33	21,018	10,645	50.6	7,113	613	288	69	99	71	430	1,690
SOUTH DAKOTA	7	4,425	1,907	43.1	1,850	73	64	19	37	14	190	271
TENNESSEE	24	25,590	13,487	52.7	9,036	669	209	106	192	157	274	1,461
TEXAS	103	122,697	64,172	52.3	38,615	5,469	878	388	692	640	3,529	8,314
UTAH	9	14,748	6,646	45.1	5,791	635	221	52	31	78	61	1,232
VERMONT	6	6,290	2,778	44.2	2,340	287	82	26	64	70	107	536
VIRGINIA	39	59,224	29,325	49.5	19,335	1,436	752	101	292	183	806	6,994
WASHINGTON	33	40,418	23,452	58.0	11,244	1,081	448	107	179	134	1,250	2,523
WEST VIRGINIA	16	10,706	5,457	51.0	3,911	252	137	53	52	37	228	580
WISCONSIN	31	46,108	24,638	53.4	12,752	2,225	320	181	325	212	1,841	3,614
WYOMING	8	6,376	2,691	42.2	2,862	210	92	23	40	5	22	431

Table 2: Library operating expenditures by category of expenditure, total expenditures for salaries and salaries as a percent of total operating expenditures, by State, and level and control of institution: 1988

H. LIBRARIES IN PRIVATE HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Total operating expenditures (000'S)	Salaries and wages (000'S)	Percent of total operating expenditures (000'S)	collection expenditures total (000'S)	Equipment, total (000'S)	Preservation (000'S)	Postage (000'S)	Telecommuni-cation (000'S)	Online database searches (000'S)	Contract computer services (000'S)	All other operating expenditures (000'S)
TOTAL 50 STATES & DC	1,899	$1,022,441	$504,474	49.3	$340,268	$27,877	$13,621	$3,245	$6,467	$8,727	$29,305	$88,457
ALABAMA	27	5,184	2,699	52.1	1,848	157	45	16	31	64	111	213
ALASKA	3	326	114	34.9	93	81	3	1	1	5	10	18
ARIZONA	15	3,206	1,570	49.0	1,087	187	33	8	18	33	101	168
ARKANSAS	16	2,118	1,125	53.1	713	58	28	4	9	12	77	91
CALIFORNIA	158	109,771	53,733	48.9	38,223	2,995	1,670	404	833	869	3,144	7,899
COLORADO	26	6,555	3,085	47.1	2,369	197	97	19	28	121	314	326
CONNECTICUT	24	44,093	19,031	43.2	12,919	932	607	104	218	124	1,217	8,941
DELAWARE	5	1,637	693	42.3	662	130	5	1	1	30	16	99
DISTRICT OF COLUMBIA	14	38,438	19,310	50.2	12,705	1,229	465	80	196	356	602	3,494
FLORIDA	57	24,206	11,930	49.3	8,398	713	268	63	178	235	670	1,752
GEORGIA	40	20,333	9,760	48.0	6,956	853	278	58	139	132	465	1,693
HAWAII	5	1,059	564	53.2	353	56	6	3	8	3	25	43
IDAHO	5	2,126	1,050	49.4	466	175	6	6	9	36	78	300
ILLINOIS	98	60,146	30,577	50.8	18,416	1,300	947	261	554	541	1,828	5,723
INDIANA	45	16,085	8,421	52.4	5,859	275	320	45	75	78	425	586
IOWA	39	10,821	4,990	46.1	3,853	270	127	48	51	65	465	952
KANSAS	26	3,288	1,720	52.3	1,057	157	35	13	13	33	123	138
KENTUCKY	37	11,142	5,464	49.0	3,758	399	135	37	93	98	326	831
LOUISIANA	14	10,886	4,764	43.8	3,879	211	157	27	68	67	1,049	665
MAINE	17	6,101	3,089	50.6	2,305	90	90	16	34	42	216	220
MARYLAND	23	17,447	8,471	48.6	5,453	609	226	5	5	262	389	2,026
MASSACHUSETTS	86	110,606	58,683	53.1	33,432	2,605	1,158	453	873	1,326	3,176	8,901
MICHIGAN	52	15,428	7,756	50.3	5,527	363	205	29	41	149	462	896
MINNESOTA	42	17,993	8,526	47.4	5,719	502	167	37	91	258	719	1,975
MISSISSIPPI	18	2,409	1,211	50.3	704	58	26	11	4	6	74	314
MISSOURI	62	25,568	11,987	46.9	8,685	848	321	90	173	325	662	2,478
MONTANA	6	638	335	52.5	185	16	1	3	54	1	29	14
NEBRASKA	15	4,408	2,181	49.5	1,696	156	57	6	12	50	112	137
NEVADA	2	157	73	46.5	53	12	2	*0*	1	2	5	9
NEW HAMPSHIRE	17	10,492	5,187	49.4	3,648	293	90	44	63	31	80	1,056
NEW JERSEY	27	32,033	17,252	53.9	10,084	931	655	82	257	118	865	1,790
NEW MEXICO	4	465	308	66.3	102	16	3	1	1	2	5	27
NEW YORK	235	173,789	86,560	49.8	56,618	4,716	2,735	457	1,215	1,288	5,085	15,116
NORTH CAROLINA	51	27,761	13,254	47.7	10,475	290	108	31	61	88	478	2,975
NORTH DAKOTA	4	464	260	56.1	142	12	*0*	2	2	2	19	24
OHIO	90	35,706	17,109	47.9	12,385	886	517	142	211	268	1,048	3,141
OKLAHOMA	18	6,967	3,159	45.3	2,991	148	70	23	14	42	274	247
OREGON	25	7,599	3,302	43.5	2,831	319	96	30	33	83	281	626
PENNSYLVANIA	149	18,426	8,678	47.1	6,191	753	279	61	151	241	625	1,448
RHODE ISLAND	8	12,560	5,784	46.1	3,756	256	137	52	118	32	344	2,082
SOUTH CAROLINA	30	7,200	3,510	48.8	2,417	470	68	14	35	73	226	388
SOUTH DAKOTA	12	1,451	772	53.2	450	56	15	9	6	19	58	66
TENNESSEE	59	20,710	10,515	50.8	6,437	912	266	73	151	246	472	1,640
TEXAS	65	42,297	19,756	46.7	15,369	831	570	189	177	446	956	4,004
UTAH	5	8,642	4,328	50.1	3,431	136	33	21	28	51	293	322
VERMONT	16	4,606	2,441	53.0	1,514	245	36	19	19	21	100	212
VIRGINIA	39	16,024	7,908	49.3	5,605	346	217	76	31	135	393	1,313
WASHINGTON	22	8,702	4,165	47.9	3,241	329	64	23	30	53	369	426
WEST VIRGINIA	13	2,064	1,099	53.2	671	61	26	7	16	17	68	99
WISCONSIN	32	12,202	6,168	50.5	4,514	233	151	40	35	146	369	546
WYOMING	1	104	47	44.7	27	8	1	*0*	1	3	7	10

0: Actual value is between 1 and 499

Table 3: Collection and equipment expenditures by category of collection and type of equipment by State, and by level and control of institution: 1988

A. ALL HIGHER EDUCATION INSTITUTIONAL LIBRARIES *

	Total number of libraries	Collections expenditures total (000'S)	Print materials (000'S)	Current serial sub-scriptions (000'S)	Microforms (000'S)	Machine readable materials (000'S)	Audivisual materials (000'S)	Other collection expenditures (000'S)	Equipment total (000'S)	Furniture and equipment (000'S)	Computer hardware (000'S)
TOTAL 50 STATES & DC	3,438	$891,281	$351,797	$462,044	$31,002	$7,006	$19,494	$19,[illegible]37	$81,874	$41,663	$40,212
ALABAMA	83	13,961	5,798	7,211	372	107	371	102	1,686	841	845
ALASKA	13	1,891	802	1,013	22	6	39	9	182	128	54
ARIZONA	34	13,813	5,868	6,662	498	82	265	437	1,235	772	463
ARKANSAS	36	6,135	2,259	3,442	223	18	94	99	369	244	125
CALIFORNIA	295	105,696	46,817	49,647	4,504	1,012	1,597	2,119	10,252	4,685	5,567
COLORADO	53	12,534	4,418	6,968	442	78	232	395	1,064	519	545
CONNECTICUT	49	17,998	8,662	7,457	844	71	227	737	1,343	624	719
DELAWARE	10	4,516	2,163	2,048	60	39	24	182	189	47	142
DISTRICT OF COLUMBIA	16	14,096	4,623	8,456	658	67	201	91	1,349	812	536
FLORIDA	95	29,250	11,489	14,187	1,728	296	798	752	2,408	1,654	753
GEORGIA	86	21,197	7,312	11,261	1,184	278	454	708	2,238	1,342	896
HAWAII	14	4,037	1,562	2,191	156	22	85	20	242	135	107
IDAHO	11	2,750	1,041	1,614	24	14	51	4	324	251	73
ILLINOIS	157	40,158	15,564	21,932	827	187	1,268	380	3,437	1,708	1,729
INDIANA	72	17,743	7,039	9,447	592	95	235	336	1,128	766	362
IOWA	58	12,017	5,087	6,371	155	23	269	112	749	428	321
KANSAS	56	9,930	4,236	5,162	151	72	190	119	544	277	267
KENTUCKY	46	12,951	4,886	7,104	361	127	212	261	1,101	599	502
LOUISIANA	34	13,125	4,626	8,133	229	43	58	36	514	303	212
MAINE	30	5,141	2,020	2,777	137	20	118	68	271	202	69
MARYLAND	57	17,373	6,518	9,213	796	121	448	276	1,924	867	1,056
MASSACHUSETTS	117	44,350	17,649	22,672	2,179	316	686	849	3,422	1,418	2,004
MICHIGAN	101	28,275	11,696	14,880	831	160	587	121	2,994	1,263	1,731
MINNESOTA	75	13,309	5,812	6,185	441	121	427	324	1,240	768	472
MISSISSIPPI	44	12,096	4,030	6,575	766	96	450	179	1,516	972	544
MISSOURI	87	17,847	6,493	10,006	602	137	366	244	1,391	711	681
MONTANA	18	2,409	541	1,702	19	33	62	53	189	132	58
NEBRASKA	35	6,928	2,252	4,394	67	32	151	31	605	322	283
NEVADA	8	2,874	1,184	1,535	43	9	82	21	413	180	233
NEW HAMPSHIRE	29	5,833	1,828	3,478	400	30	63	33	423	238	185
NEW JERSEY	60	22,736	10,282	10,497	872	237	422	426	3,178	1,239	1,939
NEW MEXICO	26	4,829	1,653	2,524	72	16	149	416	921	359	562
NEW YORK	325	87,279	30,755	46,051	2,281	878	1,671	5,641	7,123	3,586	3,537
NORTH CAROLINA	125	30,933	12,442	15,277	1,002	302	1,180	730	3,308	2,433	875
NORTH DAKOTA	19	2,704	876	1,676	64	10	60	19	172	119	53
OHIO	148	36,[illegible]	14,897	19,895	702	272	730	503	2,517	1,512	1,005
OKLAHOMA	46	11,076	3,945	6,021	700	53	243	112	902	510	392
OREGON	46	11,717	3,991	6,414	456	26	202	629	1,043	532	512
PENNSYLVANIA	210	8,257	3,312	3,877	325	171	229	344	901	447	454
RHODE ISLAND	11	5,994	2,599	3,268	66	5	56	1	490	319	171
SOUTH CAROLINA	63	9,530	3,865	4,837	354	109	303	62	1,083	632	451
SOUTH DAKOTA	19	2,300	893	1,288	49	15	50	5	129	94	35
TENNESSEE	83	15,473	5,812	8,603	453	101	429	75	1,581	660	921
TEXAS	168	53,984	21,961	27,581	1,548	567	1,529	798	6,300	2,578	3,722
UTAH	14	9,222	4,477	4,389	210	64	76	7	771	190	581
VERMONT	22	3,853	1,828	1,816	78	18	96	17	532	188	344
VIRGINIA	78	24,940	9,335	13,171	1,026	113	635	660	1,783	1,081	702
WASHINGTON	55	14,484	5,374	8,195	295	169	381	70	1,410	861	549
WEST VIRGINIA	29	4,582	1,718	2,300	239	31	197	97	313	193	120
WISCONSIN	63	17,266	6,325	9,154	771	123	667	226	2,458	882	1,576
WYOMING	9	2,890	1,181	1,485	129	15	79	1	218	41	177

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* Institutions with accreditation at the higher education level recognized by the Secretary of Education, 1988

Table 3: Collection and equipment expenditures by category of collection and type of equipment by State, and by level and control of institution: 1988

B. TOTAL FOUR-YEAR HIGHER EDUCATION INSTITUTIONAL LIBRARIES

	Total number of libraries	Collections expenditures total (000'S)	Print materials (000'S)	Current serial sub-scriptions (000'S)	Microforms (000'S)	Machine readable materials (000'S)	Audivisual materials (000'S)	Other collection expenditures (000'S)	Equipment total (000'S)	Furniture and equipment (000'S)	Computer hardware (000'S)
TOTAL 50 STATES & DC	2,081	$818,583	$314,004	$442,844	$26,883	$5,332	$11,245	$18,275	$64,022	$29,362	$34,659
ALABAMA	35	12,149	4,919	6,737	247	59	141	46	1,206	527	679
ALASKA	6	1,682	654	975	18	4	27	4	167	121	45
ARIZONA	15	12,429	5,143	6,305	426	48	136	369	755	380	376
ARKANSAS	20	5,758	2,078	3,307	201	14	72	86	320	204	115
CALIFORNIA	166	96,130	41,407	47,608	3,938	710	604	1,863	7,666	3,085	4,582
COLORADO	29	11,683	4,019	6,725	371	57	141	370	893	408	484
CONNECTICUT	29	17,443	8,376	7,266	818	66	191	726	1,263	569	694
DELAWARE	7	4,354	2,076	1,982	55	38	23	180	169	36	133
DISTRICT OF COLUMBIA	16	14,096	4,623	8,456	658	67	201	91	1,349	812	536
FLORIDA	53	25,421	9,535	13,150	1,374	215	421	726	1,511	937	574
GEORGIA	44	18,798	6,017	10,663	1,027	225	200	667	1,787	1,014	773
HAWAII	8	3,665	1,321	2,101	143	18	63	19	112	76	36
IDAHO	7	2,440	875	1,522	23	9	9	3	148	81	68
ILLINOIS	95	36,746	14,025	21,005	643	135	651	286	2,340	1,164	1,175
INDIANA	50	17,398	6,876	9,346	567	86	202	321	990	668	322
IOWA	37	11,159	4,706	6,078	137	7	155	76	486	228	257
KANSAS	32	9,056	3,804	4,939	100	46	74	94	394	162	232
KENTUCKY	31	11,940	4,115	6,963	323	113	177	249	1,018	556	462
LOUISIANA	24	12,670	4,346	8,010	197	41	43	33	384	223	161
MAINE	21	5,007	1,964	2,709	132	20	117	66	263	197	66
MARYLAND	35	15,799	5,794	8,806	708	85	215	191	1,605	603	1,001
MASSACHUSETTS	83	42,403	16,810	21,994	2,037	255	490	818	3,199	1,246	1,954
MICHIGAN	66	26,152	10,617	14,288	757	126	266	98	2,607	1,019	1,588
MINNESOTA	44	11,184	4,735	5,477	314	78	297	283	765	380	385
MISSISSIPPI	22	10,088	2,881	6,312	627	40	105	124	421	167	254
MISSOURI	65	16,863	5,966	9,715	551	119	292	220	1,219	581	638
MONTANA	9	2,254	461	1,655	13	28	47	50	157	113	44
NEBRASKA	23	6,448	2,001	4,242	53	24	103	25	468	228	240
NEVADA	4	2,487	947	1,471	32	4	29	3	298	88	209
NEW HAMPSHIRE	17	5,600	1,714	3,400	390	19	47	31	395	219	175
NEW JERSEY	37	20,970	9,268	10,051	782	214	247	409	2,724	915	1,809
NEW MEXICO	10	3,943	1,178	2,334	48	4	25	355	793	255	538
NEW YORK	239	82,427	28,141	44,592	2,138	801	1,172	5,584	6,362	3,023	3,339
NORTH CAROLINA	52	27,242	10,538	14,533	788	248	504	630	1,836	1,211	626
NORTH DAKOTA	9	2,406	729	1,577	54	5	41	1	116	75	41
OHIO	84	34,181	13,579	18,974	542	194	511	382	2,054	1,240	814
OKLAHOMA	28	10,200	3,473	5,810	661	46	111	100	584	264	321
OREGON	31	10,904	3,564	6,172	429	14	104	622	777	396	381
PENNSYLVANIA	131	7,139	2,796	3,574	238	105	142	286	635	303	332
RHODE ISLAND	10	5,820	2,494	3,204	66	5	51	1	430	279	151
SOUTH CAROLINA	32	8,384	3,327	4,515	293	54	148	47	882	566	316
SOUTH DAKOTA	16	2,256	869	1,275	47	13	48	4	119	88	31
TENNESSEE	51	13,851	5,010	8,188	332	63	218	41	1,316	482	834
TEXAS	95	48,243	18,937	26,107	1,140	474	860	724	5,062	1,843	3,219
UTAH	6	8,893	4,253	4,322	203	60	50	5	738	175	563
VERMONT	17	3,665	1,695	1,778	64	16	95	17	500	169	331
VIRGINIA	47	23,288	8,467	12,714	926	64	508	610	1,254	652	602
WASHINGTON	26	12,913	4,633	7,662	215	116	238	49	985	559	426
WEST VIRGINIA	22	4,367	1,625	2,244	215	26	166	92	262	162	101
WISCONSIN	44	15,642	5,613	8,646	702	57	421	202	2,050	588	1,461
WYOMING	1	2,545	1,013	1,367	120	0	44	0	189	23	165

Table 3: Collection and equipment expenditures by category of collection and type of equipment by State, and by level and control of institution: 1988

C. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS OFFERING DOCTORAL PROGRAMS

	Total number of libraries	Collections expenditures total (000'S)	Print materials (000'S)	Current serial sub-scriptions (000'S)	Microforms (000'S)	Machine readable materials (000'S)	Audivisual materials (000'S)	Other collection expenditures (000'S)	Equipment total (000'S)	Furniture and equipment (000'S)	Computer hardware (000'S)
TOTAL 50 STATES & DC	466	$566,596	$198,867	$328,038	$17,028	$3,243	$4,515	$14,905	$41,641	$17,445	$24,195
ALABAMA	7	8,239	3,028	4,992	137	13	50	20	616	350	265
ALASKA	1	875	332	523	*0*	0	19	1	32	32	*0*
ARIZONA	3	11,392	4,629	5,922	376	29	97	340	584	253	331
ARKANSAS	2	2,146	451	1,538	57	0	21	80	68	52	16
CALIFORNIA	49	66,825	27,267	34,415	2,696	471	308	1,669	4,987	2,183	2,804
COLORADO	10	9,210	2,930	5,560	281	31	60	347	638	274	363
CONNECTICUT	7	13,112	6,043	5,582	696	42	47	702	912	315	597
DELAWARE	2	3,953	1,868	1,876	40	0	6	163	99	4	94
DISTRICT OF COLUMBIA	7	12,364	3,733	7,945	429	67	100	90	1,192	704	488
FLORIDA	14	17,826	5,969	9,981	1,062	144	203	467	1,056	642	414
GEORGIA	7	12,479	3,361	7,579	750	178	67	545	1,050	509	541
HAWAII	2	3,062	1,020	1,890	115	2	35	0	28	18	10
IDAHO	2	1,554	477	1,066	2	3	5	1	101	48	53
ILLINOIS	25	27,077	9,347	16,761	362	66	349	193	1,440	757	683
INDIANA	8	12,348	4,466	6,907	491	67	108	308	660	440	220
IOWA	6	8,334	3,205	4,937	97	2	30	63	268	57	211
KANSAS	3	6,320	2,633	3,610	10	3	5	60	120	35	85
KENTUCKY	7	6,949	2,002	4,466	168	80	36	196	646	269	376
LOUISIANA	10	9,936	3,007	6,717	131	35	26	20	246	159	88
MAINE	1	1,790	465	1,224	69	14	10	8	107	75	33
MARYLAND	9	11,073	3,688	6,551	476	78	113	167	1,299	420	879
MASSACHUSETTS	23	30,414	11,288	16,483	1,647	131	174	692	2,276	728	1,548
MICHIGAN	12	18,803	7,144	11,035	449	85	58	32	2,118	675	1,443
MINNESOTA	6	3,681	1,191	2,188	118	25	44	114	246	110	136
MISSISSIPPI	6	8,766	2,228	5,794	574	32	82	57	346	118	228
MISSOURI	14	10,641	3,097	6,957	268	60	94	164	785	340	446
MONTANA	2	1,731	272	1,354	0	21	43	41	110	85	25
NEBRASKA	3	4,078	984	3,036	18	10	20	9	257	114	143
NEVADA	2	2,434	917	1,457	29	2	27	1	286	82	204
NEW HAMPSHIRE	4	3,927	1,029	2,886	10	1	1	0	268	137	131
NEW JERSEY	10	15,069	6,712	7,243	554	108	111	341	2,121	532	1,589
NEW MEXICO	3	3,265	920	2,001	0	0	1	343	525	187	338
NEW YORK	50	48,076	13,832	27,658	1,009	503	282	4,793	3,824	1,766	2,058
NORTH CAROLINA	7	17,924	6,411	10,153	438	209	198	515	1,330	873	457
NORTH DAKOTA	2	1,897	466	1,388	37	0	6	0	72	42	30
OHIO	20	25,777	9,626	15,118	262	140	345	286	1,507	850	657
OKLAHOMA	6	8,005	2,638	4,602	602	20	49	94	426	193	234
OREGON	7	7,658	2,071	4,678	279	2	68	561	396	171	225
PENNSYLVANIA	23	4,027	1,357	2,254	111	58	31	217	327	150	177
RHODE ISLAND	2	4,189	1,601	2,557	21	0	10	0	310	185	125
SOUTH CAROLINA	7	4,308	1,301	2,907	49	9	16	26	332	231	101
SOUTH DAKOTA	4	1,523	559	948	7	6	3	*0*	29	24	5
TENNESSEE	12	10,572	3,373	6,762	256	44	130	7	1,026	293	734
TEXAS	30	35,492	13,471	20,097	572	359	452	541	3,536	876	2,661
UTAH	3	8,358	4,063	3,978	201	60	50	5	693	139	555
VERMONT	2	2,569	1,105	1,381	25	2	56	0	360	96	264
VIRGINIA	10	15,548	4,716	9,690	455	14	195	478	751	299	453
WASHINGTON	4	7,303	2,000	5,189	47	4	55	7	533	265	267
WEST VIRGINIA	2	1,932	497	1,281	49	2	103	0	72	52	21
WISCONSIN	7	9,219	3,064	5,552	377	13	72	142	442	217	225
WYOMING	1	2,545	1,013	1,367	120	0	44	0	189	23	165

0: Actual value is between 1 and 499

Table 3: Collection and equipment expenditures by category of collection and type of equipment by State, and by level and control of institution: 1988

D. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH MASTER'S HIGHEST LEVEL OF OFFERING

	Total number of libraries	Collections expenditures total (000'S)	Print materials (000'S)	Current serial sub-scriptions (000'S)	Microforms (000'S)	Machine readable materials (000'S)	Audivisual materials (000'S)	Other collection expenditures (000'S)	Equipment total (000'S)	Furniture and equipment (000'S)	Computer hardware (000'S)
TOTAL 50 STATES & DC	802	$182,492	$78,464	$88,336	$7,720	$1,389	$4,308	$2,276	$15,624	$7,682	$7,942
ALABAMA	18	3,454	1,620	1,592	106	42	69	23	518	138	380
ALASKA	2	714	271	427	13	0	2	0	53	18	35
ARIZONA	5	726	353	282	37	15	17	23	74	49	25
ARKANSAS	9	2,929	1,252	1,511	120	14	32	0	208	110	98
CALIFORNIA	72	25,751	11,677	12,405	1,115	197	213	144	2,288	627	1,661
COLORADO	9	1,280	571	588	34	18	52	16	128	89	40
CONNECTICUT	13	3,692	1,993	1,463	95	17	124	0	304	224	79
DELAWARE	2	237	132	45	11	25	6	17	43	9	34
DISTRICT OF COLUMBIA	6	1,632	824	479	229	0	99	*0*	149	104	45
FLORIDA	16	6,302	2,832	2,778	248	43	171	231	323	205	118
GEORGIA	22	5,403	2,127	2,779	248	39	102	107	524	388	137
HAWAII	2	188	111	52	10	11	4	0	35	29	6
IDAHO	3	745	321	412	11	1	2	0	26	20	7
ILLINOIS	38	7,439	3,460	3,384	233	57	243	63	707	293	414
INDIANA	21	3,287	1,506	1,695	36	2	43	5	250	176	74
IOWA	8	658	371	257	13	1	15	1	37	29	8
KANSAS	9	1,577	663	803	56	9	29	17	123	65	58
KENTUCKY	10	4,047	1,671	2,084	121	27	95	48	278	219	58
LOUISIANA	11	2,591	1,286	1,217	55	7	15	12	128	54	74
MAINE	6	907	371	476	35	4	19	3	54	33	21
MARYLAND	19	3,583	1,482	1,794	177	6	100	24	259	149	109
MASSACHUSETTS	34	8,269	3,629	3,881	331	111	225	90	669	377	291
MICHIGAN	21	4,728	2,063	2,258	229	12	126	40	303	217	85
MINNESOTA	14	4,458	1,774	2,182	155	38	165	144	186	114	72
MISSISSIPPI	9	1,083	516	439	44	6	20	58	53	36	17
MISSOURI	22	4,358	1,871	2,066	219	30	129	44	279	169	110
MONTANA	5	430	139	264	11	4	3	8	35	26	9
NEBRASKA	6	1,609	647	900	21	2	39	0	132	72	61
NEVADA	1	9	6	3	0	0	0	0	0	0	0
NEW HAMPSHIRE	6	916	307	209	352	11	25	12	79	55	24
NEW JERSEY	15	4,632	1,966	2,284	190	92	66	34	470	310	160
NEW MEXICO	5	628	228	322	46	2	22	10	257	62	195
NEW YORK	95	24,572	9,666	12,947	800	123	449	587	1,371	634	736
NORTH CAROLINA	18	6,643	2,678	3,338	268	36	270	52	377	238	139
NORTH DAKOTA	2	220	97	101	5	0	16	0	28	22	6
OHIO	24	3,623	1,584	1,785	136	30	61	27	252	174	78
OKLAHOMA	9	1,405	394	948	14	23	23	2	112	36	76
OREGON	15	2,781	1,294	1,302	124	5	16	40	253	103	150
PENNSYLVANIA	59	1,510	643	701	69	19	52	27	144	59	85
RHODE ISLAND	6	1,335	738	525	44	3	24	1	87	61	26
SOUTH CAROLINA	10	2,344	1,053	1,060	139	28	54	11	173	104	69
SOUTH DAKOTA	5	470	195	223	27	1	24	0	26	22	3
TENNESSEE	13	1,654	717	830	59	3	39	6	131	87	44
TEXAS	38	10,567	4,237	5,219	498	104	341	168	1,313	816	497
UTAH	3	535	190	344	1	0	0	0	45	37	9
VERMONT	10	891	475	335	31	10	27	13	106	52	54
VIRGINIA	15	4,845	2,124	2,032	382	26	198	84	298	199	99
WASHINGTON	14	4,485	1,995	2,083	150	100	132	25	327	206	121
WEST VIRGINIA	7	1,249	526	622	82	1	14	3	99	72	27
WISCONSIN	20	5,101	1,818	2,612	291	29	296	55	1,512	292	1,220
WYOMING	0	0	0	0	0	0	0	0	0	0	0

0: Actual value is between 1 and 499

Table 3: Collection and equipment expenditures by category of collection and type of equipment by State, and by level and control of institution: 1988

E. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH BACCALAUREATE HIGHEST LEVEL OF OFFERING

	Total number of libraries	Collections expenditures total (000'S)	Print materials (000'S)	Current serial sub-scriptions (000'S)	Microforms (000'S)	Machine readable materials (000'S)	Audivisual materials (000'S)	Other collection expenditures (000'S)	Equipment total (000'S)	Furniture and equipment (000'S)	Computer hardware (000'S)
TOTAL 50 STATES & DC	813	$69,495	$36,673	$26,470	$2,134	$701	$2,423	$1,095	$6,757	$4,235	$2,522
ALABAMA	10	456	271	153	4	4	22	2	72	38	34
ALASKA	3	93	50	24	6	4	5	3	81	71	10
ARIZONA	7	311	162	102	13	4	23	7	98	78	20
ARKANSAS	9	683	375	258	25	1	20	5	44	42	2
CALIFORNIA	45	3,554	2,463	789	127	42	83	50	391	275	117
COLORADO	10	1,193	517	576	56	8	28	7	127	46	81
CONNECTICUT	9	639	340	220	27	6	21	24	47	29	18
DELAWARE	3	164	75	61	5	13	11	0	28	23	5
DISTRICT OF COLUMBIA	3	101	65	32	*0*	0	2	1	8	5	3
FLORIDA	23	1,293	734	391	65	28	47	29	131	90	42
GEORGIA	15	917	529	305	28	8	31	15	213	118	96
HAWAII	4	414	190	159	18	5	23	19	50	30	21
IDAHO	2	140	77	43	10	6	2	2	21	13	8
ILLINOIS	32	2,230	1,218	860	49	13	59	30	193	114	79
INDIANA	21	1,763	904	743	40	17	51	8	81	52	28
IOWA	23	2,167	1,130	884	27	4	110	12	181	143	38
KANSAS	20	1,159	507	526	34	33	41	17	150	62	89
KENTUCKY	14	943	441	413	34	5	46	4	94	67	27
LOUISIANA	3	143	53	76	11	0	2	1	10	10	0
MAINE	14	2,311	1,128	1,009	28	3	89	55	102	90	12
MARYLAND	7	1,143	625	461	55	1	1	*0*	47	34	13
MASSACHUSETTS	26	3,720	1,894	1,630	59	12	90	35	255	140	114
MICHIGAN	33	2,621	1,409	995	79	29	83	26	187	127	60
MINNESOTA	24	3,045	1,769	1,106	42	15	88	26	333	156	177
MISSISSIPPI	7	239	137	79	9	2	3	9	22	12	9
MISSOURI	29	1,864	998	692	64	29	69	12	155	72	83
MONTANA	2	93	50	37	2	2	2	0	12	1	10
NEBRASKA	14	761	370	306	14	12	44	15	79	42	37
NEVADA	1	44	24	11	3	2	2	2	12	6	5
NEW HAMPSHIRE	7	758	378	306	28	6	21	19	47	27	20
NEW JERSEY	12	1,270	589	525	38	13	70	34	134	73	61
NEW MEXICO	2	49	29	11	3	2	2	2	12	6	5
NEW YORK	94	9,779	4,643	3,987	329	175	441	204	1,168	623	545
NORTH CAROLINA	27	2,675	1,450	1,042	81	2	37	63	130	100	30
NORTH DAKOTA	5	290	165	87	12	5	19	1	16	11	5
OHIO	40	4,780	2,369	2,070	143	24	105	69	295	216	78
OKLAHOMA	13	790	441	259	45	3	39	4	46	34	11
OREGON	9	466	200	193	26	7	20	21	128	121	6
PENNSYLVANIA	49	1,602	796	619	58	28	60	42	164	94	70
RHODE ISLAND	2	297	155	122	1	1	17	0	32	32	0
SOUTH CAROLINA	15	1,731	973	548	105	18	78	10	377	232	145
SOUTH DAKOTA	7	262	116	104	13	6	20	4	64	42	22
TENNESSEE	26	1,625	919	596	18	16	49	28	159	102	56
TEXAS	27	2,184	1,229	791	69	11	68	15	213	152	61
UTAH	0	0	0	0	0	0	0	0	0	0	0
VERMONT	5	205	115	62	8	4	11	4	34	21	13
VIRGINIA	22	2,895	1,627	992	88	24	115	48	205	155	50
WASHINGTON	8	1,126	638	391	18	12	52	16	126	87	38
WEST VIRGINIA	13	1,186	603	341	83	23	48	89	91	38	53
WISCONSIN	17	1,321	730	482	35	15	54	5	95	79	16
WYOMING	0	0	0	0	0	0	0	0	0	0	0

0: Actual value is between 1 and 499

Table 3: Collection and equipment expenditures by category of collection and type of equipment by State, and by level and control of institution: 1988
F. LIBRARIES IN LESS THAN 4-YEAR HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Collections expenditures total (000'S)	Print materials (000'S)	Current serial sub-scriptions (000'S)	Microforms (000'S)	Machine readable materials (000'S)	Audivisual materials (000'S)	Other collection expenditures (000'S)	Equipment total (000'S)	Furniture and equipment (000'S)	Computer hardware (000'S)
TOTÁL 50 STATES & DC	1,357	$72,698	$37,793	$19,200	$4,119	$1,674	$8,249	$1,662	$17,853	$12,300	$5,552
ALABAMA	48	1,813	879	474	126	49	229	56	481	315	166
ALASKA	7	209	148	38	3	2	13	4	15	7	9
ARIZONA	19	1,384	724	357	71	34	129	68	479	392	88
ARKANSAS	16	378	181	135	21	4	22	14	49	39	10
CALIFORNIA	129	9,566	5,409	2,039	567	302	993	256	2,586	1,601	985
COLORADO	24	851	399	244	71	21	91	26	171	111	60
CONNECTICUT	20	554	286	192	25	4	36	11	80	56	24
DELAWARE	3	162	88	66	5	1	1	2	20	11	9
DISTRICT OF COLUMBIA	0	0	0	0	0	0	0	0	0	0	0
FLORIDA	42	3,829	1,954	1,037	354	81	378	25	897	717	180
GEORGIA	42	2,399	1,295	598	157	54	253	42	451	328	124
HAWAII	6	371	241	91	12	3	22	2	130	58	72
IDAHO	4	310	166	93	2	5	42	2	176	170	6
ILLINOIS	62	3,412	1,539	927	184	52	617	94	1,097	544	553
INDIANA	22	346	163	101	25	9	33	15	137	98	40
IOWA	21	858	381	293	18	15	115	36	263	200	63
KANSAS	24	875	433	223	51	26	116	26	150	115	35
KENTUCKY	15	1,012	771	141	38	15	35	12	83	43	40
LOUISIANA	10	455	280	123	32	2	15	3	130	80	51
MAINE	9	134	56	68	6	*0*	1	3	8	4	3
MARYLAND	22	1,574	724	407	88	36	233	86	319	264	55
MASSACHUSETTS	34	1,947	838	678	142	61	196	32	222	172	50
MICHIGAN	35	2,123	1,080	592	74	34	321	22	386	243	143
MINNESOTA	31	2,125	1,077	708	127	43	129	41	475	388	87
MISSISSIPPI	22	2,008	1,149	263	140	57	346	55	1,095	805	290
MISSOURI	22	984	527	290	51	18	73	24	173	130	43
MONTANA	9	156	80	47	6	5	15	4	32	19	13
NEBRASKA	12	480	252	152	14	7	48	6	138	94	44
NEVADA	4	387	237	64	11	5	52	18	115	91	24
NEW HAMPSHIRE	12	233	114	78	10	11	16	3	29	19	10
NEW JERSEY	23	1,765	1,014	445	90	24	175	17	454	324	130
NEW MEXICO	16	886	476	190	23	12	124	61	128	104	24
NEW YORK	86	4,851	2,615	1,460	143	78	499	57	761	563	198
NORTH CAROLINA	73	3,691	1,904	743	215	54	675	100	1,472	1,222	249
NORTH DAKOTA	10	298	147	100	10	4	19	17	56	44	12
OHIO	64	2,817	1,317	921	160	79	219	121	463	272	191
OKLAHOMA	18	876	472	212	40	7	133	13	317	247	71
OREGON	15	813	427	243	27	12	98	7	267	136	130
PENNSYLVANIA	79	1,118	516	303	87	66	88	58	266	144	122
RHODE ISLAND	1	174	105	64	0	0	5	0	60	40	20
SOUTH CAROLINA	31	1,146	538	322	61	54	155	15	201	66	135
SOUTH DAKOTA	3	45	24	12	2	2	3	2	10	6	4
TENNESSEE	32	1,622	803	416	121	38	211	34	265	178	87
TEXAS	73	5,741	3,024	1,474	408	93	668	73	1,238	735	503
UTAH	8	329	224	67	7	4	26	1	33	15	18
VERMONT	5	188	133	37	14	2	2	0	32	19	13
VIRGINIA	31	1,652	868	457	101	50	126	50	529	428	101
WASHINGTON	29	1,571	741	532	80	53	143	21	425	302	123
WEST VIRGINIA	7	215	93	56	25	5	31	6	51	31	20
WISCONSIN	19	1,624	712	507	68	66	246	24	408	294	114
WYOMING	8	345	168	118	9	15	34	1	29	18	12

0: Actual value is between 1 and 499

Table 3: Collection and equipment expenditures by category of collection and type of equipment by State, and by level and control of institution: 1988

G. LIBRARIES IN PUBLIC HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Collections expenditures total (000'S)	Print materials (000'S)	Current serial sub-scriptions (000'S)	Microforms (000'S)	Machine readable materials (000'S)	Audivisual materials (000'S)	Other collection expenditures (000'S)	Equipment total (000'S)	Furniture and equipment (000'S)	Computer hardware (000'S)
TOTAL 50 STATES & DC	1,539	$551,013	$208,140	$297,995	$18,367	$3,537	$13,776	$9,199	$53,997	$27,906	$26,091
ALABAMA	56	12,114	4,875	6,421	322	91	319	85	1,529	753	777
ALASKA	10	1,798	752	988	16	2	34	5	101	57	44
ARIZONA	19	12,725	5,330	6,266	442	59	222	405	1,048	636	412
ARKANSAS	20	5,422	1,879	3,175	193	14	67	95	311	195	116
CALIFORNIA	137	67,473	30,063	33,071	2,491	326	1,118	403	7,257	3,272	3,985
COLORADO	27	10,166	3,399	5,823	364	44	184	351	867	425	441
CONNECTICUT	25	5,079	2,408	2,461	46	23	108	33	411	225	186
DELAWARE	5	3,854	1,970	1,665	14	24	1	181	59	16	43
DISTRICT OF COLUMBIA	2	1,391	677	406	219	0	89	0	120	80	40
FLORIDA	38	20,852	8,105	10,112	1,333	180	637	486	1,694	1,296	398
GEORGIA	46	14,241	4,299	7,938	1,072	256	369	308	1,385	917	468
HAWAII	9	3,683	1,377	2,074	141	8	68	15	186	91	96
IDAHO	6	2,284	751	1,492	9	7	24	1	149	86	63
ILLINOIS	59	21,741	8,133	11,945	500	86	812	265	2,137	951	1,186
INDIANA	27	11,884	3,976	6,878	521	58	136	315	853	578	275
IOWA	19	8,164	3,120	4,715	90	10	135	94	479	223	256
KANSAS	30	8,874	3,703	4,764	104	48	154	100	387	193	194
KENTUCKY	9	9,193	3,292	5,496	178	59	104	65	702	366	336
LOUISIANA	20	9,246	2,966	6,037	167	18	38	21	304	150	154
MAINE	13	2,836	968	1,701	110	16	26	13	181	130	52
MARYLAND	34	11,919	4,159	6,527	597	98	346	193	1,315	605	710
MASSACHUSETTS	31	10,918	4,371	5,339	235	124	336	513	817	553	264
MICHIGAN	49	22,748	9,069	12,379	632	138	444	86	2,631	1,014	1,617
MINNESOTA	33	7,591	3,168	3,516	314	85	230	277	739	507	232
MISSISSIPPI	26	11,392	3,630	6,323	746	94	432	167	1,458	930	527
MISSOURI	25	9,163	3,406	5,115	295	45	194	107	544	319	225
MONTANA	12	2,224	450	1,626	15	30	54	50	174	126	47
NEBRASKA	20	5,232	1,615	3,473	38	14	86	7	449	274	175
NEVADA	6	2,821	1,154	1,521	40	7	80	19	401	173	228
NEW HAMPSHIRE	12	2,185	540	1,245	336	14	23	26	130	81	49
NEW JERSEY	33	12,652	5,063	6,251	517	208	360	254	2,247	982	1,265
NEW MEXICO	22	4,727	1,592	2,493	69	14	145	414	906	349	557
NEW YORK	90	30,661	10,121	17,586	677	201	831	1,245	2,407	1,384	1,023
NORTH CAROLINA	74	20,458	7,980	10,151	754	161	1,024	387	3,018	2,256	762
NORTH DAKOTA	15	2,562	804	1,624	64	10	43	18	160	110	50
OHIO	58	24,613	9,723	13,845	332	104	507	102	1,632	968	664
OKLAHOMA	28	8,085	2,767	4,671	281	49	209	108	754	422	332
OREGON	21	8,887	2,707	5,105	303	12	163	597	725	362	363
PENNSYLVANIA	61	2,067	807	1,068	59	19	60	52	148	95	54
RHODE ISLAND	3	2,239	856	1,332	36	0	15	0	234	175	58
SOUTH CAROLINA	33	7,113	2,626	3,972	221	50	224	20	613	355	258
SOUTH DAKOTA	7	1,850	684	1,096	32	7	31	*0*	73	61	12
TENNESSEE	24	9,036	3,053	5,258	358	18	333	15	669	333	336
TEXAS	103	38,615	14,417	20,827	1,160	422	1,305	485	5,469	2,147	3,322
UTAH	9	5,791	2,775	2,943	9	1	63	0	635	160	475
VERMONT	6	2,340	1,009	1,231	29	2	68	2	287	123	164
VIRGINIA	39	19,335	6,851	10,714	748	89	431	502	1,436	839	597
WASHINGTON	33	11,244	3,753	7,016	123	72	254	26	1,081	632	448
WEST VIRGINIA	16	3,911	1,407	2,042	191	9	180	82	252	156	96
WISCONSIN	31	12,752	4,373	6,799	698	97	583	203	2,225	740	1,486
WYOMING	8	2,862	1,168	1,479	125	13	77	0	210	36	174

0: Actual value is between 1 and 499

Table 3: Collection and equipment expenditures by category of collection and type of equipment by State, and by level and control of institution: 1988
H. LIBRARIES IN PRIVATE HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Collections expenditures total (000'S)	Print materials (000'S)	Current serial sub-scriptions (000'S)	Microforms (000'S)	Machine readable materials (000'S)	Audivisual materials (000'S)	Other collection expenditures (000'S)	Equipment total (000'S)	Furniture and equipment (000'S)	Computer hardware (000'S)
TOTAL 50 STATES & DC	1,899	$340,268	$143,657	$164,049	$12,635	$3,469	$5,719	$10,738	$27,877	$13,757	$14,120
ALABAMA	27	1,848	923	790	50	16	51	17	157	89	68
ALASKA	3	93	50	24	6	4	5	3	81	71	10
ARIZONA	15	1,087	537	396	55	23	43	33	187	135	51
ARKANSAS	16	713	380	268	30	4	27	4	58	49	9
CALIFORNIA	158	38,223	16,753	16,576	2,013	686	479	1,715	2,995	1,413	1,582
COLORADO	26	2,369	1,019	1,145	78	34	48	44	197	94	103
CONNECTICUT	24	12,919	6,254	4,997	798	48	119	704	932	399	533
DELAWARE	5	662	194	383	46	15	23	*0*	130	31	99
DISTRICT OF COLUMBIA	14	12,705	3,945	8,051	440	67	112	91	1,229	733	496
FLORIDA	57	8,398	3,384	4,075	395	117	162	265	713	358	355
GEORGIA	40	6,956	3,013	3,324	112	23	85	400	853	425	428
HAWAII	5	353	186	117	15	13	17	5	56	44	12
IDAHO	5	466	291	122	15	7	27	3	175	165	10
ILLINOIS	98	18,416	7,431	9,987	326	101	456	115	1,300	757	543
INDIANA	45	5,859	3,063	2,569	71	37	99	21	275	187	88
IOWA	39	3,853	1,967	1,656	65	12	135	17	270	205	64
KANSAS	26	1,057	533	398	47	24	36	19	157	84	73
KENTUCKY	37	3,758	1,594	1,608	183	68	108	196	399	233	166
LOUISIANA	14	3,879	1,660	2,096	62	26	20	16	211	153	58
MAINE	17	2,305	1,052	1,076	27	4	92	55	90	72	17
MARYLAND	23	5,453	2,359	2,686	199	24	102	84	609	262	347
MASSACHUSETTS	86	33,432	13,278	17,333	1,944	192	349	336	2,605	864	1,740
MICHIGAN	52	5,527	2,628	2,501	199	22	143	35	363	249	114
MINNESOTA	42	5,719	2,644	2,668	127	36	197	47	502	261	241
MISSISSIPPI	18	704	399	252	20	2	18	12	58	41	17
MISSOURI	62	8,685	3,087	4,891	306	92	172	136	848	392	456
MONTANA	6	185	91	75	4	2	9	4	16	5	10
NEBRASKA	15	1,696	638	921	29	18	66	24	156	48	108
NEVADA	2	53	30	14	3	2	2	2	12	6	5
NEW HAMPSHIRE	17	3,648	1,288	2,233	64	16	40	8	293	156	137
NEW JERSEY	27	10,084	5,219	4,246	354	29	62	173	931	258	674
NEW MEXICO	4	102	61	32	3	2	3	2	16	10	5
NEW YORK	235	56,618	20,635	28,465	1,604	677	840	4,396	4,716	2,203	2,514
NORTH CAROLINA	51	10,475	4,462	5,126	248	140	156	343	290	177	113
NORTH DAKOTA	4	142	72	52	0	0	17	1	12	10	3
OHIO	90	12,385	5,174	6,050	369	169	222	401	886	544	341
OKLAHOMA	18	2,991	1,178	1,350	419	4	35	5	148	88	60
OREGON	25	2,831	1,284	1,309	153	14	39	32	319	170	149
PENNSYLVANIA	149	6,191	2,504	2,809	266	151	169	292	753	353	400
RHODE ISLAND	8	3,756	1,742	1,936	31	5	41	1	256	143	113
SOUTH CAROLINA	30	2,417	1,239	865	133	58	79	42	470	277	193
SOUTH DAKOTA	12	450	210	191	17	7	20	5	56	33	23
TENNESSEE	59	6,437	2,759	3,345	95	83	96	60	912	327	585
TEXAS	65	15,369	7,544	6,755	388	145	224	313	831	431	400
UTAH	5	3,431	1,702	1,447	200	63	13	7	136	30	106
VERMONT	16	1,514	819	585	49	16	29	16	245	65	179
VIRGINIA	39	5,605	2,484	2,457	279	24	203	158	346	242	105
WASHINGTON	22	3,241	1,621	1,179	173	97	127	44	329	228	101
WEST VIRGINIA	13	671	311	258	49	22	17	15	61	37	25
WISCONSIN	32	4,514	1,952	2,355	73	27	84	23	233	143	90
WYOMING	1	27	13	6	3	2	2	1	8	5	3

0: Actual value is between 1 and 499

Table 4: Number of FTE library staff in academic libraries by staff category and number of librarians and other professionals of all libraries by State, and institutional level and control: 1988

A. ALL HIGHER EDUCATION INSTITUTIONAL LIBRARIES *

	Total number of libraries	Total FTE staff	--Librarians and-- -other professional- FTE	percent	All other paid staff FTE	percent	-- Contributed -- ---- services --- FTE	percent	Student assistants FTE	percent
TOTAL 50 STATES & DC	3,438	101,072	25,115	24.8	40,733	40.3	1,403	1.4	33,821	33.5
ALABAMA	83	1,716	441	25.7	603	35.1	38	2.2	634	36.9
ALASKA	13	236	52	22.0	90	38.1	5	2.1	89	37.7
ARIZONA	34	1,283	290	22.6	572	44.6	17	1.3	404	31.5
ARKANSAS	36	753	177	23.5	244	32.4	4	0.5	328	43.6
CALIFORNIA	295	12,550	2,461	19.6	5,088	40.5	206	1.6	4,795	38.2
COLORADO	53	1,218	311	25.5	551	45.2	33	2.7	323	26.5
CONNECTICUT	49	1,632	496	30.4	706	43.3	9	0.6	421	25.8
DELAWARE	10	332	93	28.0	170	51.2	0	0.0	69	20.8
DISTRICT OF COLUMBIA	16	1,240	333	26.9	565	45.6	3	0.2	339	27.3
FLORIDA	95	3,377	839	24.8	1,457	43.1	68	2.0	1,013	30.0
GEORGIA	86	2,224	575	25.9	931	41.9	38	1.7	680	30.6
HAWAII	14	441	125	28.3	162	36.7	1	0.2	153	34.7
IDAHO	11	340	75	22.1	127	37.4	3	0.9	135	39.7
ILLINOIS	157	5,217	1,227	23.5	2,202	42.2	35	0.7	1,753	33.6
INDIANA	72	1,986	492	24.8	868	43.7	24	1.2	602	30.3
IOWA	58	1,167	319	27.3	460	39.4	15	1.3	373	32.0
KANSAS	56	1,176	283	24.1	376	32.0	26	2.2	491	41.8
KENTUCKY	46	1,552	406	26.2	614	39.6	30	1.9	502	32.3
LOUISIANA	34	1,768	397	22.5	489	27.7	13	0.7	869	49.2
MAINE	30	464	141	30.4	165	35.6	2	0.4	156	33.6
MARYLAND	57	2,259	538	23.8	891	39.4	7	0.3	823	36.4
MASSACHUSETTS	117	4,486	1,322	29.5	1,965	43.8	32	0.7	1,167	26.0
MICHIGAN	101	3,183	775	24.3	1,267	39.8	51	1.6	1,090	34.2
MINNESOTA	75	1,443	375	26.0	468	32.4	35	2.4	565	39.2
MISSISSIPPI	44	1,004	251	25.0	292	29.1	7	0.7	454	45.2
MISSOURI	87	1,942	510	26.3	825	42.5	26	1.3	581	29.9
MONTANA	18	278	70	25.2	95	34.2	2	0.7	111	39.9
NEBRASKA	35	725	187	25.8	323	44.6	11	1.5	204	28.1
NEVADA	8	251	70	27.9	113	45.0	2	0.8	66	26.3
NEW HAMPSHIRE	29	628	142	22.6	256	40.8	9	1.4	221	35.2
NEW JERSEY	60	2,412	654	27.1	1,175	48.7	27	1.1	556	23.1
NEW MEXICO	26	849	134	15.8	261	30.7	5	0.6	449	52.9
NEW YORK	325	7,801	2,285	29.3	3,084	39.5	181	2.3	2,251	28.9
NORTH CAROLINA	125	3,080	824	26.8	1,317	42.8	7	0.2	932	30.3
NORTH DAKOTA	19	274	84	30.7	86	31.4	2	0.7	102	37.2
OHIO	148	3,898	994	25.5	1,434	36.8	80	2.1	1,390	35.7
OKLAHOMA	46	1,176	316	26.9	472	40.1	11	0.9	377	32.1
OREGON	46	1,077	271	25.2	425	39.5	10	0.9	371	34.4
PENNSYLVANIA	210	5,278	1,316	24.9	2,010	38.1	146	2.8	1,806	34.2
RHODE ISLAND	11	709	156	22.0	258	36.4	0	0.0	295	41.6
SOUTH CAROLINA	63	1,213	286	23.6	470	38.7	13	1.1	444	36.6
SOUTH DAKOTA	19	233	69	29.6	76	32.6	5	2.1	83	35.6
TENNESSEE	83	1,850	502	27.1	731	39.5	22	1.2	595	32.2
TEXAS	168	6,003	1,476	24.6	2,663	44.4	26	0.4	1,838	30.6
UTAH	14	920	203	22.1	258	28.0	24	2.6	435	47.3
VERMONT	22	434	94	21.7	164	37.8	8	1.8	168	38.7
VIRGINIA	78	2,559	602	23.5	1,085	42.4	16	0.6	856	33.5
WASHINGTON	55	1,736	389	22.4	789	45.4	21	1.2	537	30.9
WEST VIRGINIA	29	651	133	20.4	239	36.7	18	2.8	261	40.1
WISCONSIN	63	1,855	506	27.3	702	37.8	27	1.5	620	33.4
WYOMING	9	193	48	24.9	99	51.3	2	1.0	44	22.8

* Institutions with accreditation at the higher education level recognized by the Secretary of Education, 1988

Table 4: Number of FTE library staff in academic libraries by staff category and number of librarians and other professionals of all libraries by State, and institutional level and control: 1988
B. TOTAL FOUR-YEAR HIGHER EDUCATION INSTITUTIONAL LIBRARIES

	Total number of libraries	Total FTE staff	--Librarians and-- -other professional- FTE	percent	All other paid staff FTE	percent	-- Contributed -- ---- services --- FTE	percent	Student assistants FTE	percent
TOTAL 50 STATES & DC	2,081	83,652	21,243	25.4	34,662	41.4	950	1.1	26,797	32.0
ALABAMA	35	1,226	332	27.1	453	36.9	11	0.9	430	35.1
ALASKA	6	208	43	20.7	79	38.0	5	2.4	81	38.9
ARIZONA	15	964	230	23.9	447	46.4	10	1.0	277	28.7
ARKANSAS	20	656	152	23.2	219	33.4	2	0.3	283	43.1
CALIFORNIA	166	8,933	2,006	22.5	4,226	47.3	141	1.6	2,560	28.7
COLORADO	29	1,043	266	25.5	483	46.3	19	1.8	275	26.4
CONNECTICUT	29	1,513	442	29.2	677	44.7	9	0.6	385	25.4
DELAWARE	7	304	81	26.6	157	51.6	0	0.0	66	21.7
DISTRICT OF COLUMBIA	16	1,240	333	26.9	565	45.6	3	0.2	339	27.3
FLORIDA	53	2,380	608	25.5	997	41.9	35	1.5	740	31.1
GEORGIA	44	1,811	463	25.6	785	43.3	19	1.0	544	30.0
HAWAII	8	370	103	27.8	130	35.1	1	0.3	136	36.8
IDAHO	7	231	57	24.7	100	43.3	2	0.9	72	31.2
ILLINOIS	95	4,283	1,026	24.0	1,840	43.0	19	0.4	1,398	32.6
INDIANA	50	1,875	467	24.9	822	43.8	13	0.7	573	30.6
IOWA	37	993	271	27.3	382	38.5	9	0.9	331	33.3
KANSAS	32	1,002	239	23.9	312	31.1	24	2.4	427	42.6
KENTUCKY	31	1,343	346	25.8	541	40.3	14	1.0	442	32.9
LOUISIANA	24	1,632	370	22.7	462	28.3	11	0.7	789	48.3
MAINE	21	440	129	29.3	159	36.1	2	0.5	150	34.1
MARYLAND	35	1,421	428	30.1	694	48.8	5	0.4	294	20.7
MASSACHUSETTS	83	4,173	1,219	29.2	1,837	44.0	26	0.6	1,091	26.1
MICHIGAN	66	2,694	682	25.3	1,068	39.6	49	1.8	895	33.2
MINNESOTA	44	1,207	320	26.5	399	33.1	19	1.6	469	38.9
MISSISSIPPI	22	728	178	24.5	209	28.7	5	0.7	336	46.2
MISSOURI	65	1,697	455	26.8	731	43.1	18	1.1	493	29.1
MONTANA	9	244	57	23.4	88	36.1	1	0.4	98	40.2
NEBRASKA	23	631	165	26.1	286	45.3	6	1.0	174	27.6
NEVADA	4	197	53	26.9	91	46.2	2	1.0	51	25.9
NEW HAMPSHIRE	17	586	125	21.3	247	42.2	3	0.5	211	36.0
NEW JERSEY	37	2,011	549	27.3	977	48.6	25	1.2	460	22.9
NEW MEXICO	10	705	99	14.0	207	29.4	4	0.6	395	56.0
NEW YORK	239	7,197	2,081	28.9	2,882	40.0	154	2.1	2,080	28.9
NORTH CAROLINA	52	2,519	638	25.3	1,070	42.5	0	0.0	811	32.2
NORTH DAKOTA	9	228	68	29.8	73	32.0	1	0.4	86	37.7
OHIO	84	3,325	847	25.5	1,257	37.8	40	1.2	1,181	35.5
OKLAHOMA	28	988	266	26.9	396	40.1	8	0.8	318	32.2
OREGON	31	884	224	25.3	338	38.2	8	0.9	314	35.5
PENNSYLVANIA	131	4,575	1,127	24.6	1,740	38.0	95	2.1	1,613	35.3
RHODE ISLAND	10	597	137	22.9	242	40.5	0	0.0	218	36.5
SOUTH CAROLINA	32	985	222	22.5	389	39.5	8	0.8	366	37.2
SOUTH DAKOTA	16	221	65	29.4	73	33.0	4	1.8	79	35.7
TENNESSEE	51	1,542	427	27.7	643	41.7	8	0.5	464	30.1
TEXAS	95	4,707	1,174	24.9	2,085	44.3	19	0.4	1,429	30.4
UTAH	6	867	190	21.9	238	27.5	22	2.5	417	48.1
VERMONT	17	399	85	21.3	157	39.3	8	2.0	149	37.3
VIRGINIA	47	2,263	510	22.5	952	42.1	12	0.5	789	34.9
WASHINGTON	26	1,307	292	22.3	587	44.9	18	1.4	410	31.4
WEST VIRGINIA	22	587	118	20.1	213	36.3	13	2.2	243	41.4
WISCONSIN	44	1,601	446	27.9	593	37.0	20	1.2	542	33.9
WYOMING	1	119	32	26.9	64	53.8	0	0.0	23	19.3

Table 4: Number of FTE library staff in academic libraries by staff category and number of librarians and other professionals of all libraries by State, and institutional level and control: 1988
C. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS OFFERING DOCTORAL PROGRAMS

	Total number of libraries	Total FTE staff	--Librarians and-- -other professional- FTE	percent	All other paid staff FTE	percent	-- Contributed -- ---- services --- FTE	percent	Student assistants FTE	percent
TOTAL 50 STATES & DC	466	50,354	12,948	25.7	23,764	47.2	226	0.4	13,416	26.6
ALABAMA	7	615	167	27.2	280	45.5	0	0.0	168	27.3
ALASKA	1	101	21	20.8	46	45.5	0	0.0	34	33.7
ARIZONA	3	800	193	24.1	405	50.6	0	0.0	202	25.3
ARKANSAS	2	201	52	25.9	99	49.3	0	0.0	50	24.9
CALIFORNIA	49	5,949	1,438	24.2	2,982	50.1	71	1.2	1,458	24.5
COLORADO	10	733	181	24.7	381	52.0	4	0.5	167	22.8
CONNECTICUT	7	1,066	287	26.9	520	48.8	0	0.0	259	24.3
DELAWARE	2	244	65	26.6	126	51.6	0	0.0	53	21.7
DISTRICT OF COLUMBIA	7	1,095	284	25.9	515	47.0	1	0.1	295	26.9
FLORIDA	14	1,578	396	25.1	723	45.8	13	0.8	446	28.3
GEORGIA	7	948	254	26.8	493	52.0	8	0.8	193	20.4
HAWAII	2	249	74	29.7	103	41.4	0	0.0	72	28.9
IDAHO	2	131	34	26.0	62	47.3	0	0.0	35	26.7
ILLINOIS	25	2,635	674	25.6	1,327	50.4	0	0.0	634	24.1
INDIANA	8	1,246	293	23.5	622	49.9	0	0.0	331	26.6
IOWA	6	627	176	28.1	266	42.4	0	0.0	185	29.5
KANSAS	3	478	136	28.5	194	40.6	0	0.0	148	31.0
KENTUCKY	7	665	175	26.3	314	47.2	9	1.4	167	25.1
LOUISIANA	10	1,181	254	21.5	350	29.6	5	0.4	572	48.4
MAINE	1	105	31	29.5	52	49.5	0	0.0	22	21.0
MARYLAND	9	908	250	27.5	463	51.0	3	0.3	192	21.1
MASSACHUSETTS	23	2,824	844	29.9	1,401	49.6	0	0.0	579	20.5
MICHIGAN	12	1,774	428	24.1	767	43.2	4	0.2	575	32.4
MINNESOTA	6	317	85	26.8	141	44.5	9	2.8	82	25.9
MISSISSIPPI	6	439	113	25.7	145	33.0	0	0.0	181	41.2
MISSOURI	14	941	247	26.2	468	49.7	6	0.6	220	23.4
MONTANA	2	154	32	20.8	68	44.2	0	0.0	54	35.1
NEBRASKA	3	334	88	26.3	170	50.9	0	0.0	76	22.8
NEVADA	2	184	50	27.2	89	48.4	0	0.0	45	24.5
NEW HAMPSHIRE	4	308	67	21.8	167	54.2	0	0.0	74	24.0
NEW JERSEY	10	1,298	342	26.3	674	51.9	5	0.4	277	21.3
NEW MEXICO	3	370	74	20.0	165	44.6	0	0.0	131	35.4
NEW YORK	50	3,486	996	28.6	1,653	47.4	14	0.4	823	23.6
NORTH CAROLINA	7	1,425	359	25.2	702	49.3	0	0.0	364	25.5
NORTH DAKOTA	2	140	44	31.4	58	41.4	0	0.0	38	27.1
OHIO	20	2,245	563	25.1	947	42.2	11	0.5	724	32.2
OKLAHOMA	6	632	157	24.8	286	45.3	6	0.9	183	29.0
OREGON	7	517	135	26.1	229	44.3	1	0.2	152	29.4
PENNSYLVANIA	23	2,318	571	24.6	1,048	45.2	10	0.4	689	29.7
RHODE ISLAND	2	360	95	26.4	163	45.3	0	0.0	102	28.3
SOUTH CAROLINA	7	387	106	27.4	207	53.5	3	0.8	71	18.3
SOUTH DAKOTA	4	96	27	28.1	43	44.8	0	0.0	26	27.1
TENNESSEE	12	1,032	281	27.2	499	48.4	0	0.0	252	24.4
TEXAS	30	3,229	818	25.3	1,563	48.4	10	0.3	838	26.0
UTAH	3	791	176	22.3	210	26.5	22	2.8	383	48.4
VERMONT	2	188	44	23.4	97	51.6	0	0.0	47	25.0
VIRGINIA	10	1,163	291	25.0	627	53.9	8	0.7	237	20.4
WASHINGTON	4	728	175	24.0	355	48.8	0	0.0	198	27.2
WEST VIRGINIA	2	151	33	21.9	81	53.6	0	0.0	37	24.5
WISCONSIN	7	849	240	28.3	354	41.7	3	0.4	252	29.7
WYOMING	1	119	32	26.9	64	53.8	0	0.0	23	19.3

Table 4: Number of FTE library staff in academic libraries by staff category and number of librarians and other professionals of all libraries by State, and institutional level and control: 1988

D. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH MASTER'S HIGHEST LEVEL OF OFFERING

	Total number of libraries	Total FTE staff	--Librarians and-- -other professional-		All other paid staff		-- Contributed -- ---- services ---		Student assistants	
			FTE	percent	FTE	percent	FTE	percent	FTE	percent
TOTAL 50 STATES & DC	802	22,216	5,632	25.4	7,844	35.3	274	1.2	8,466	38.1
ALABAMA	18	469	138	29.4	141	30.1	8	1.7	182	38.8
ALASKA	2	83	17	20.5	29	34.9	0	0.0	37	44.6
ARIZONA	5	98	21	21.4	28	28.6	6	6.1	43	43.9
ARKANSAS	9	315	72	22.9	90	28.6	0	0.0	153	48.6
CALIFORNIA	72	2,604	481	18.5	1,159	44.5	28	1.1	936	35.9
COLORADO	9	170	44	25.9	48	28.2	7	4.1	71	41.8
CONNECTICUT	13	361	129	35.7	133	36.8	3	0.8	96	26.6
DELAWARE	2	33	8	24.2	21	63.6	0	0.0	4	12.1
DISTRICT OF COLUMBIA	6	116	43	37.1	45	38.8	2	1.7	26	22.4
FLORIDA	16	538	153	28.4	210	39.0	8	1.5	167	31.0
GEORGIA	22	726	169	23.3	262	36.1	2	0.3	293	40.4
HAWAII	2	24	10	41.7	6	25.0	0	0.0	8	33.3
IDAHO	3	84	18	21.4	31	36.9	2	2.4	33	39.3
ILLINOIS	38	1,133	262	23.1	429	37.9	8	0.7	434	38.3
INDIANA	21	387	113	29.2	124	32.0	5	1.3	145	37.5
IOWA	8	90	20	22.2	25	27.8	3	3.3	42	46.7
KANSAS	9	184	52	28.3	56	30.4	2	1.1	74	40.2
KENTUCKY	10	485	130	26.8	186	38.4	0	0.0	169	34.8
LOUISIANA	11	421	106	25.2	109	25.9	5	1.2	201	47.7
MAINE	6	93	30	32.3	33	35.5	2	2.2	28	30.1
MARYLAND	19	423	139	32.9	190	44.9	2	0.5	92	21.7
MASSACHUSETTS	34	880	250	28.4	285	32.4	10	1.1	335	38.1
MICHIGAN	21	513	153	29.8	191	37.2	8	1.6	161	31.4
MINNESOTA	14	527	144	27.3	144	27.3	6	1.1	233	44.2
MISSISSIPPI	9	214	49	22.9	51	23.8	2	0.9	112	52.3
MISSOURI	22	475	132	27.8	163	34.3	6	1.3	174	36.6
MONTANA	5	70	20	28.6	17	24.3	1	1.4	32	45.7
NEBRASKA	6	181	45	24.9	86	47.5	0	0.0	50	27.6
NEVADA	1	2	1	50.0	0	0.0	0	0.0	1	50.0
NEW HAMPSHIRE	6	166	31	18.7	40	24.1	1	0.6	94	56.6
NEW JERSEY	15	527	160	30.4	230	43.6	5	0.9	132	25.0
NEW MEXICO	5	319	22	6.9	38	11.9	2	0.6	257	80.6
NEW YORK	95	2,410	744	30.9	817	33.9	51	2.1	798	33.1
NORTH CAROLINA	18	698	176	25.2	256	36.7	0	0.0	266	38.1
NORTH DAKOTA	2	24	9	37.5	7	29.2	1	4.2	7	29.2
OHIO	24	416	119	28.6	112	26.9	12	2.9	173	41.6
OKLAHOMA	9	256	72	28.1	86	33.6	0	0.0	98	38.3
OREGON	15	288	69	24.0	93	32.3	7	2.4	119	41.3
PENNSYLVANIA	59	1,348	351	26.0	435	32.3	47	3.5	515	38.2
RHODE ISLAND	6	202	33	16.3	68	33.7	0	0.0	101	50.0
SOUTH CAROLINA	10	245	68	27.8	107	43.7	2	0.8	68	27.8
SOUTH DAKOTA	5	72	25	34.7	15	20.8	0	0.0	32	44.4
TENNESSEE	13	225	66	29.3	81	36.0	1	0.4	77	34.2
TEXAS	38	1,139	277	24.3	437	38.4	5	0.4	420	36.9
UTAH	3	76	14	18.4	28	36.8	0	0.0	34	44.7
VERMONT	10	166	30	18.1	47	28.3	4	2.4	85	51.2
VIRGINIA	15	723	131	18.1	212	29.3	0	0.0	380	52.6
WASHINGTON	14	441	92	20.9	184	41.7	8	1.8	157	35.6
WEST VIRGINIA	7	218	40	18.3	67	30.7	2	0.9	109	50.0
WISCONSIN	20	558	154	27.6	192	34.4	0	0.0	212	38.0
WYOMING	0	0	0	0.0	0	0.0	0	0.0	0	0.0

Table 4: Number of FTE library staff in academic libraries by staff category and number of librarians and other professionals of all libraries by State, and institutional level and control: 1988

E. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH BACCALAUREATE HIGHEST LEVEL OF OFFERING

	Total number of libraries	Total FTE staff	--Librarians and-- -other professional-		All other paid staff		-- Contributed -- ---- services ---		Student assistants	
			FTE	percent	FTE	percent	FTE	percent	FTE	percent
TOTAL 50 STATES & DC	813	11,082	2,663	24.0	3,054	27.6	450	4.1	4,915	44.4
ALABAMA	10	142	27	19.0	32	22.5	3	2.1	80	56.3
ALASKA	3	24	5	20.8	4	16.7	5	20.8	10	41.7
ARIZONA	7	66	16	24.2	14	21.2	4	6.1	32	48.5
ARKANSAS	9	140	28	20.0	30	21.4	2	1.4	80	57.1
CALIFORNIA	45	380	87	22.9	85	22.4	42	11.1	166	43.7
COLORADO	10	140	41	29.3	54	38.6	8	5.7	37	26.4
CONNECTICUT	9	86	26	30.2	24	27.9	6	7.0	30	34.9
DELAWARE	3	27	8	29.6	10	37.0	0	0.0	9	33.3
DISTRICT OF COLUMBIA	3	29	6	20.7	5	17.2	0	0.0	18	62.1
FLORIDA	23	264	59	22.3	64	24.2	14	5.3	127	48.1
GEORGIA	15	137	40	29.2	30	21.9	9	6.6	58	42.3
HAWAII	4	97	19	19.6	21	21.6	1	1.0	56	57.7
IDAHO	2	16	5	31.3	7	43.8	0	0.0	4	25.0
ILLINOIS	32	515	90	17.5	84	16.3	11	2.1	330	64.1
INDIANA	21	242	61	25.2	76	31.4	8	3.3	97	40.1
IOWA	23	276	75	27.2	91	33.0	6	2.2	104	37.7
KANSAS	20	340	51	15.0	62	18.2	22	6.5	205	60.3
KENTUCKY	14	193	41	21.2	41	21.2	5	2.6	106	54.9
LOUISIANA	3	30	10	33.3	3	10.0	1	3.3	16	53.3
MAINE	14	242	68	28.1	74	30.6	0	0.0	100	41.3
MARYLAND	7	90	39	43.3	41	45.6	0	0.0	10	11.1
MASSACHUSETTS	26	469	125	26.7	151	32.2	16	3.4	177	37.7
MICHIGAN	33	407	101	24.8	110	27.0	37	9.1	159	39.1
MINNESOTA	24	363	91	25.1	114	31.4	4	1.1	154	42.4
MISSISSIPPI	7	75	16	21.3	13	17.3	3	4.0	43	57.3
MISSOURI	29	281	76	27.0	100	35.6	6	2.1	99	35.2
MONTANA	2	20	5	25.0	3	15.0	0	0.0	12	60.0
NEBRASKA	14	116	32	27.6	30	25.9	6	5.2	48	41.4
NEVADA	1	11	2	18.2	2	18.2	2	18.2	5	45.5
NEW HAMPSHIRE	7	112	27	24.1	40	35.7	2	1.8	43	38.4
NEW JERSEY	12	186	47	25.3	73	39.2	15	8.1	51	27.4
NEW MEXICO	2	16	3	18.8	4	25.0	2	12.5	7	43.8
NEW YORK	94	1,301	341	26.2	412	31.7	89	6.8	459	35.3
NORTH CAROLINA	27	396	103	26.0	112	28.3	0	0.0	181	45.7
NORTH DAKOTA	5	64	15	23.4	8	12.5	0	0.0	41	64.1
OHIO	40	664	165	24.8	198	29.8	17	2.6	284	42.8
OKLAHOMA	13	100	37	37.0	24	24.0	2	2.0	37	37.0
OREGON	9	79	20	25.3	16	20.3	0	0.0	43	54.4
PENNSYLVANIA	49	909	205	22.6	257	28.3	38	4.2	409	45.0
RHODE ISLAND	2	35	9	25.7	11	31.4	0	0.0	15	42.9
SOUTH CAROLINA	15	353	48	13.6	75	21.2	3	0.8	227	64.3
SOUTH DAKOTA	7	53	13	24.5	15	28.3	4	7.5	21	39.6
TENNESSEE	26	285	80	28.1	63	22.1	7	2.5	135	47.4
TEXAS	27	339	79	23.3	85	25.1	4	1.2	171	50.4
UTAH	0	0	0	0.0	0	0.0	0	0.0	0	0.0
VERMONT	5	45	11	24.4	13	28.9	4	8.9	17	37.8
VIRGINIA	22	377	88	23.3	113	30.0	4	1.1	172	45.6
WASHINGTON	8	138	25	18.1	48	34.8	10	7.2	55	39.9
WEST VIRGINIA	13	218	45	20.6	65	29.8	11	5.0	97	44.5
WISCONSIN	17	194	52	26.8	47	24.2	17	8.8	78	40.2
WYOMING	0	0	0	0.0	0	0.0	0	0.0	0	0.0

Table 4: Number of FTE library staff in academic libraries by staff category and number of librarians and other professionals of all libraries by State, and institutional level and control: 1988
F. LIBRARIES IN LESS THAN 4-YEAR HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Total FTE staff	--Librarians and-- -other professional-		All other paid staff		-- Contributed -- ---- services ---		Student assistants	
			FTE	percent	FTE	percent	FTE	percent	FTE	percent
TOTAL 50 STATES & DC	1,357	17,420	3,872	22.2	6,071	34.9	453	2.6	7,024	40.3
ALABAMA	48	490	109	22.2	150	30.6	27	5.5	204	41.6
ALASKA	7	28	9	32.1	11	39.3	0	0.0	8	28.6
ARIZONA	19	319	60	18.8	125	39.2	7	2.2	127	39.8
ARKANSAS	16	97	25	25.8	25	25.8	2	2.1	45	46.4
CALIFORNIA	129	3,617	455	12.6	862	23.8	65	1.8	2,235	61.8
COLORADO	24	175	45	25.7	68	38.9	14	8.0	48	27.4
CONNECTICUT	20	119	54	45.4	29	24.4	0	0.0	36	30.3
DELAWARE	3	28	12	42.9	13	46.4	0	0.0	3	10.7
DISTRICT OF COLUMBIA	0	0	0	0.0	0	0.0	0	0.0	0	0.0
FLORIDA	42	997	231	23.2	460	46.1	33	3.3	273	27.4
GEORGIA	42	413	112	27.1	146	35.4	19	4.6	136	32.9
HAWAII	6	71	22	31.0	32	45.1	0	0.0	17	23.9
IDAHO	4	109	18	16.5	27	24.8	1	0.9	63	57.8
ILLINOIS	62	934	201	21.5	362	38.8	16	1.7	355	38.0
INDIANA	22	111	25	22.5	46	41.4	11	9.9	29	26.1
IOWA	21	174	48	27.6	78	44.8	6	3.4	42	24.1
KANSAS	24	174	44	25.3	64	36.8	2	1.1	64	36.8
KENTUCKY	15	209	60	28.7	73	34.9	16	7.7	60	28.7
LOUISIANA	10	136	27	19.9	27	19.9	2	1.5	80	58.8
MAINE	9	24	12	50.0	6	25.0	0	0.0	6	25.0
MARYLAND	22	838	110	13.1	197	23.5	2	0.2	529	63.1
MASSACHUSETTS	34	313	103	32.9	128	40.9	6	1.9	76	24.3
MICHIGAN	35	489	93	19.0	199	40.7	2	0.4	195	39.9
MINNESOTA	31	236	55	23.3	69	29.2	16	6.8	96	40.7
MISSISSIPPI	22	276	73	26.4	83	30.1	2	0.7	118	42.8
MISSOURI	22	245	55	22.4	94	38.4	8	3.3	88	35.9
MONTANA	9	34	13	38.2	7	20.6	1	2.9	13	38.2
NEBRASKA	12	94	22	23.4	37	39.4	5	5.3	30	31.9
NEVADA	4	54	17	31.5	22	40.7	0	0.0	15	27.8
NEW HAMPSHIRE	12	42	17	40.5	9	21.4	6	14.3	10	23.8
NEW JERSEY	23	401	105	26.2	198	49.4	2	0.5	96	23.9
NEW MEXICO	16	144	35	24.3	54	37.5	1	0.7	54	37.5
NEW YORK	86	604	204	33.8	202	33.4	27	4.5	171	28.3
NORTH CAROLINA	73	561	186	33.2	247	44.0	7	1.2	121	21.6
NORTH DAKOTA	10	46	16	34.8	13	28.3	1	2.2	16	34.8
OHIO	64	573	147	25.7	177	30.9	40	7.0	209	36.5
OKLAHOMA	18	188	50	26.6	76	40.4	3	1.6	59	31.4
OREGON	15	193	47	24.4	87	45.1	2	1.0	57	29.5
PENNSYLVANIA	79	703	189	26.9	270	38.4	51	7.3	193	27.5
RHODE ISLAND	1	112	19	17.0	16	14.3	0	0.0	77	68.8
SOUTH CAROLINA	31	228	64	28.1	81	35.5	5	2.2	78	34.2
SOUTH DAKOTA	3	12	4	33.3	3	25.0	1	8.3	4	33.3
TENNESSEE	32	308	75	24.4	88	28.6	14	4.5	131	42.5
TEXAS	73	1,296	302	23.3	578	44.6	7	0.5	409	31.6
UTAH	8	53	13	24.5	20	37.7	2	3.8	18	34.0
VERMONT	5	35	9	25.7	7	20.0	0	0.0	19	54.3
VIRGINIA	31	296	92	31.1	133	44.9	4	1.4	67	22.6
WASHINGTON	29	429	97	22.6	202	47.1	3	0.7	127	29.6
WEST VIRGINIA	7	64	15	23.4	26	40.6	5	7.8	18	28.1
WISCONSIN	19	254	60	23.6	109	42.9	7	2.8	78	30.7
WYOMING	8	74	16	21.6	35	47.3	2	2.7	21	28.4

Table 4: Number of FTE library staff in academic libraries by staff category and number of librarians and other professionals of all libraries by State, and institutional level and control: 1988

G. LIBRARIES IN PUBLIC HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Total FTE staff	Librarians and other professional		All other paid staff		Contributed services		Student assistants	
			FTE	percent	FTE	percent	FTE	percent	FTE	percent
TOTAL 50 STATES & DC	1,539	60,296	14,555	24.1	25,485	42.3	314	0.5	19,942	33.1
ALABAMA	56	1,334	359	26.9	508	38.1	23	1.7	444	33.3
ALASKA	10	212	47	22.2	86	40.6	0	0.0	79	37.3
ARIZONA	19	1,102	250	22.7	526	47.7	4	0.4	322	29.2
ARKANSAS	20	617	140	22.7	216	35.0	0	0.0	261	42.3
CALIFORNIA	137	8,721	1,522	17.5	3,470	39.8	37	0.4	3,692	42.3
COLORADO	27	892	235	26.3	436	48.9	2	0.2	219	24.6
CONNECTICUT	25	468	170	36.3	174	37.2	2	0.4	122	26.1
DELAWARE	5	277	75	27.1	147	53.1	0	0.0	55	19.9
DISTRICT OF COLUMBIA	2	87	32	36.8	40	46.0	0	0.0	15	17.2
FLORIDA	38	2,283	566	24.8	1,075	47.1	17	0.7	625	27.4
GEORGIA	46	1,366	368	26.9	640	46.9	22	1.6	336	24.6
HAWAII	9	351	104	29.6	146	41.6	0	0.0	101	28.8
IDAHO	6	223	56	25.1	107	48.0	0	0.0	60	26.9
ILLINOIS	59	2,940	669	22.8	1,365	46.4	3	0.1	903	30.7
INDIANA	27	1,295	317	24.5	604	46.6	1	0.1	373	28.8
IOWA	19	693	196	28.3	308	44.4	0	0.0	189	27.3
KANSAS	30	831	235	28.3	325	39.1	3	0.4	268	32.3
KENTUCKY	9	1,005	274	27.3	450	44.8	1	0.1	280	27.9
LOUISIANA	20	1,336	290	21.7	340	25.4	4	0.3	702	52.5
MAINE	13	228	72	31.6	100	43.9	0	0.0	56	24.6
MARYLAND	34	1,713	374	21.8	618	36.1	2	0.1	719	42.0
MASSACHUSETTS	31	885	283	32.0	388	43.8	6	0.7	208	23.5
MICHIGAN	49	2,554	598	23.4	1,090	42.7	33	1.3	833	32.6
MINNESOTA	33	819	200	24.4	274	33.5	17	2.1	328	40.0
MISSISSIPPI	26	822	206	25.1	258	31.4	3	0.4	355	43.2
MISSOURI	25	999	249	24.9	433	43.3	1	0.1	316	31.6
MONTANA	12	242	59	24.4	87	36.0	2	0.8	94	38.8
NEBRASKA	20	533	137	25.7	259	48.6	8	1.5	129	24.2
NEVADA	6	238	67	28.2	111	46.6	0	0.0	60	25.2
NEW HAMPSHIRE	12	272	53	19.5	93	34.2	2	0.7	124	45.6
NEW JERSEY	33	1,371	367	26.8	689	50.3	4	0.3	311	22.7
NEW MEXICO	22	792	126	15.9	253	31.9	1	0.1	412	52.0
NEW YORK	90	1,903	629	33.1	660	34.7	6	0.3	608	31.9
NORTH CAROLINA	74	1,935	547	28.3	925	47.8	1	0.1	462	23.9
NORTH DAKOTA	15	233	78	33.5	80	34.3	1	0.4	74	31.8
OHIO	58	2,363	613	25.9	949	40.2	20	0.8	781	33.1
OKLAHOMA	28	918	241	26.3	380	41.4	7	0.8	290	31.6
OREGON	21	763	195	25.6	336	44.0	1	0.1	231	30.3
PENNSYLVANIA	61	2,177	544	25.0	896	41.2	35	1.6	702	32.2
RHODE ISLAND	3	282	52	18.4	90	31.9	0	0.0	140	49.6
SOUTH CAROLINA	33	692	201	29.0	335	48.4	2	0.3	154	22.3
SOUTH DAKOTA	7	144	45	31.3	51	35.4	0	0.0	48	33.3
TENNESSEE	24	931	248	26.6	440	47.3	0	0.0	243	26.1
TEXAS	103	4,458	1,062	23.8	2,084	46.7	5	0.1	1,307	29.3
UTAH	9	578	110	19.0	206	35.6	22	3.8	240	41.5
VERMONT	6	192	44	22.9	90	46.9	2	1.0	56	29.2
VIRGINIA	39	1,875	429	22.9	849	45.3	0	0.0	597	31.8
WASHINGTON	33	1,345	300	22.3	664	49.4	1	0.1	380	28.3
WEST VIRGINIA	16	473	106	22.4	199	42.1	2	0.4	166	35.1
WISCONSIN	31	1,349	369	27.4	538	39.9	11	0.8	431	31.9
WYOMING	8	184	46	25.0	97	52.7	0	0.0	41	22.3

Table 4: Number of FTE library staff in academic libraries by staff category and number of librarians and other professionals of all libraries by State, and institutional level and control: 1988

H. LIBRARIES IN PRIVATE HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Total FTE staff	--Librarians and-- -other professional- FTE	percent	All other paid staff FTE	percent	-- Contributed -- ---- services --- FTE	percent	Student assistants FTE	percent
TOTAL 50 STATES & DC	1,899	40,776	10,560	25.9	15,248	37.4	1,089	2.7	13,879	34.0
ALABAMA	27	382	82	21.5	95	24.9	15	3.9	190	49.7
ALASKA	3	24	5	20.8	4	16.7	5	20.8	10	41.7
ARIZONA	15	181	40	22.1	46	25.4	13	7.2	82	45.3
ARKANSAS	16	136	37	27.2	28	20.6	4	2.9	67	49.3
CALIFORNIA	158	3,829	939	24.5	1,618	42.3	169	4.4	1,103	28.8
COLORADO	26	326	76	23.3	115	35.3	31	9.5	104	31.9
CONNECTICUT	24	1,164	326	28.0	532	45.7	7	0.6	299	25.7
DELAWARE	5	55	18	32.7	23	41.8	0	0.0	14	25.5
DISTRICT OF COLUMBIA	14	1,153	301	26.1	525	45.5	3	0.3	324	28.1
FLORIDA	57	1,094	273	25.0	382	34.9	51	4.7	388	35.5
GEORGIA	40	858	207	24.1	291	33.9	16	1.9	344	40.1
HAWAII	5	90	21	23.3	16	17.8	1	1.1	52	57.8
IDAHO	5	117	19	16.2	20	17.1	3	2.6	75	64.1
ILLINOIS	98	2,277	558	24.5	837	36.8	32	1.4	850	37.3
INDIANA	45	691	175	25.3	264	38.2	23	3.3	229	33.1
IOWA	39	474	123	25.9	152	32.1	15	3.2	184	38.8
KANSAS	26	345	48	13.9	51	14.8	23	6.7	223	64.6
KENTUCKY	37	547	132	24.1	164	30.0	29	5.3	222	40.6
LOUISIANA	14	432	107	24.8	149	34.5	9	2.1	167	38.7
MAINE	17	236	69	29.2	65	27.5	2	0.8	100	42.4
MARYLAND	23	546	164	30.0	273	50.0	5	0.9	104	19.0
MASSACHUSETTS	86	3,601	1,039	28.9	1,577	43.8	26	0.7	959	26.6
MICHIGAN	52	629	177	28.1	177	28.1	18	2.9	257	40.9
MINNESOTA	42	624	175	28.0	194	31.1	18	2.9	237	38.0
MISSISSIPPI	18	182	45	24.7	34	18.7	4	2.2	99	54.4
MISSOURI	62	943	261	27.7	392	41.6	25	2.7	265	28.1
MONTANA	6	36	11	30.6	8	22.2	0	0.0	17	47.2
NEBRASKA	15	192	50	26.0	64	33.3	3	1.6	75	39.1
NEVADA	2	13	3	23.1	2	15.4	2	15.4	6	46.2
NEW HAMPSHIRE	17	356	89	25.0	163	45.8	7	2.0	97	27.2
NEW JERSEY	27	1,041	287	27.6	486	46.7	23	2.2	245	23.5
NEW MEXICO	4	57	8	14.0	8	14.0	4	7.0	37	64.9
NEW YORK	235	5,898	1,656	28.1	2,424	41.1	175	3.0	1,643	27.9
NORTH CAROLINA	51	1,145	277	24.2	392	34.2	6	0.5	470	41.0
NORTH DAKOTA	4	41	6	14.6	6	14.6	1	2.4	28	68.3
OHIO	90	1,535	381	24.8	485	31.6	60	3.9	609	39.7
OKLAHOMA	18	258	75	29.1	92	35.7	4	1.6	87	33.7
OREGON	25	314	76	24.2	89	28.3	9	2.9	140	44.6
PENNSYLVANIA	149	3,101	772	24.9	1,114	35.9	111	3.6	1,104	35.6
RHODE ISLAND	8	427	104	24.4	168	39.3	0	0.0	155	36.3
SOUTH CAROLINA	30	521	85	16.3	135	25.9	11	2.1	290	55.7
SOUTH DAKOTA	12	89	24	27.0	25	28.1	5	5.6	35	39.3
TENNESSEE	59	919	254	27.6	291	31.7	22	2.4	352	38.3
TEXAS	65	1,545	414	26.8	579	37.5	21	1.4	531	34.4
UTAH	5	342	93	27.2	52	15.2	2	0.6	195	57.0
VERMONT	16	242	50	20.7	74	30.6	6	2.5	112	46.3
VIRGINIA	39	684	173	25.3	236	34.5	16	2.3	259	37.9
WASHINGTON	22	391	89	22.8	125	32.0	20	5.1	157	40.2
WEST VIRGINIA	13	178	27	15.2	40	22.5	16	9.0	95	53.4
WISCONSIN	32	506	137	27.1	164	32.4	16	3.2	189	37.4
WYOMING	1	9	2	22.2	2	22.2	2	22.2	3	33.3

Table 5: Number of libraries by category of number of volumes of books, bound serials and government documents held at the end of the year and number of volumes of books, bound serials and government documents in all libraries by State, and level and control of institution: 1988

A. ALL HIGHER EDUCATION INSTITUTIONAL LIBRARIES *

	Total number of libraries	Volumes held At end of year	Less than 5,000	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 to 999,999	1,000,000 or more
TOTAL 50 states & DC	3,438	718,503,682	132	120	355	239	580	682	792	267	128	143
ALABAMA	83	10,761,355	9	1	7	6	23	17	11	6	1	2
ALASKA	13	1,429,981	0	0	3	2	5	1	0	1	1	0
ARIZONA	34	8,326,735	1	1	4	3	8	8	6	0	1	2
ARKANSAS	36	4,568,883	3	1	8	3	4	5	7	4	0	1
CALIFORNIA	295	74,620,768	9	10	29	18	54	72	51	17	15	20
COLORADO	53	20,398,181	4	2	9	3	11	4	12	3	2	3
CONNECTICUT	49	17,180,110	2	3	4	7	8	7	8	5	2	3
DELAWARE	10	2,868,963	0	0	2	0	1	4	2	0	0	1
DISTRICT OF COLUMBIA	16	7,937,020	0	1	1	0	2	3	3	1	1	4
FLORIDA	95	18,533,780	3	2	12	6	17	17	23	6	4	5
GEORGIA	86	15,518,607	7	1	7	5	17	20	18	6	1	4
HAWAII	14	3,120,348	0	0	1	1	5	4	2	0	0	1
IDAHO	11	2,517,547	0	0	1	1	1	2	3	2	0	1
ILLINOIS	157	38,787,484	4	8	16	10	24	30	40	12	6	7
INDIANA	72	16,805,179	7	6	8	0	4	11	26	5	2	3
IOWA	58	10,250,760	2	0	7	2	10	16	14	4	1	2
KANSAS	56	9,086,404	0	0	2	11	14	15	7	4	1	2
KENTUCKY	46	10,516,992	2	0	10	1	5	6	11	5	3	3
LOUISIANA	34	9,888,182	3	0	2	0	3	4	13	5	2	2
MAINE	30	3,701,695	2	4	4	2	4	6	3	3	2	0
MARYLAND	57	10,717,039	2	2	2	5	14	6	18	5	1	2
MASSACHUSETTS	117	33,529,535	4	4	10	3	18	25	32	8	7	6
MICHIGAN	101	24,374,536	4	2	8	11	16	22	22	7	6	3
MINNESOTA	75	10,413,747	2	2	13	7	11	9	19	10	1	1
MISSISSIPPI	44	5,739,755	1	2	2	6	11	6	10	3	3	0
MISSOURI	87	15,558,219	5	3	8	7	11	20	21	5	4	3
MONTANA	18	1,681,443	2	2	3	1	1	4	3	2	0	0
NEBRASKA	35	5,372,331	1	3	4	5	2	7	10	0	2	1
NEVADA	8	1,539,013	0	0	2	2	2	0	0	0	2	0
NEW HAMPSHIRE	29	4,213,639	0	7	5	3	1	3	7	1	1	1
NEW JERSEY	60	18,124,512	1	1	2	3	6	16	16	9	3	3
NEW MEXICO	26	3,525,003	0	3	4	1	7	5	4	0	1	1
NEW YORK	325	67,839,518	19	20	13	6	58	56	98	33	12	10
NORTH CAROLINA	125	21,681,361	0	5	13	28	23	20	23	6	3	4
NORTH DAKOTA	19	2,083,118	3	1	1	2	3	6	0	2	1	0
OHIO	148	28,645,625	10	2	24	10	18	30	28	12	7	7
OKLAHOMA	46	9,341,044	0	4	7	4	6	8	13	1	0	3
OREGON	46	7,634,677	1	0	3	3	9	15	8	4	1	2
PENNSYLVANIA	210	36,367,701	2	2	40	8	30	37	62	17	7	5
RHODE ISLAND	11	4,085,274	0	1	0	1	0	3	2	2	1	1
SOUTH CAROLINA	63	8,514,454	4	1	8	7	10	12	15	4	0	2
SOUTH DAKOTA	19	2,119,619	1	1	1	0	4	6	4	2	0	0
TENNESSEE	83	12,791,069	2	2	16	3	11	27	12	5	2	3
TEXAS	168	42,274,815	6	3	12	9	27	38	41	14	8	10
UTAH	14	4,074,882	2	0	1	0	4	2	2	1	1	1
VERMONT	22	2,826,449	0	2	2	1	5	6	4	0	2	0
VIRGINIA	78	15,868,116	1	2	3	11	11	13	22	10	2	3
WASHINGTON	55	10,571,843	1	1	4	4	18	8	11	5	1	2
WEST VIRGINIA	29	3,988,568	0	1	3	1	6	3	13	1	0	1
WISCONSIN	63	14,940,359	0	1	3	5	12	16	12	9	3	2
WYOMING	9	1,247,444	0	0	1	1	5	1	0	0	1	0

* Institutions with accreditation at the higher education level recognized by the Secretary of Education, 1988

Table 5: Number of libraries by category of number of volumes of books, bound serials and government documents held at the end of the year and number of volumes of books, bound serials and government documents in all libraries by State, and level and control of institution: 1988

B. TOTAL FOUR-YEAR HIGHER EDUCATION INSTITUTIONAL LIBRARIES

	Total number of libraries	Volumes held At end of year	Less than 5,000	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 to 999,999	1,000,000 or more
TOTAL 50 states & DC	2,081	665,316,203	22	48	68	74	222	382	733	261	128	143
ALABAMA	35	9,175,062	2	0	2	1	2	8	11	6	1	2
ALASKA	6	1,250,567	0	0	0	1	2	1	0	1	1	0
ARIZONA	15	7,380,284	0	1	1	3	1	1	5	0	1	2
ARKANSAS	20	4,268,697	0	0	0	2	1	5	7	4	0	1
CALIFORNIA	166	67,512,302	3	8	11	12	27	16	37	17	15	20
COLORADO	29	19,767,298	1	1	0	2	4	1	12	3	2	3
CONNECTICUT	29	16,614,994	1	1	1	2	2	4	8	5	2	3
DELAWARE	7	2,758,588	0	0	1	0	0	3	2	0	0	1
DISTRICT OF COLUMBIA	16	7,937,020	0	1	1	0	2	3	3	1	1	4
FLORIDA	53	15,581,694	0	2	2	3	12	4	17	4	4	5
GEORGIA	44	13,894,720	0	1	1	1	4	10	16	6	1	4
HAWAII	8	2,859,473	0	0	1	1	1	2	2	0	0	1
IDAHO	7	2,275,988	0	0	0	1	0	1	2	2	0	1
ILLINOIS	95	36,058,665	2	6	5	4	4	14	35	12	6	7
INDIANA	50	16,527,835	1	0	0	0	3	10	26	5	2	3
IOWA	37	9,610,069	0	0	0	1	4	11	14	4	1	2
KANSAS	32	8,274,215	0	0	0	0	6	12	7	4	1	2
KENTUCKY	31	9,853,930	0	0	1	0	3	6	11	4	3	3
LOUISIANA	24	9,484,263	0	0	0	0	1	2	12	5	2	2
MAINE	21	3,628,397	0	0	1	2	4	6	3	3	2	0
MARYLAND	35	9,671,403	0	1	2	1	5	4	14	5	1	2
MASSACHUSETTS	83	32,319,679	2	0	5	0	9	14	32	8	7	6
MICHIGAN	66	22,622,029	1	2	5	5	6	12	19	7	6	3
MINNESOTA	44	9,606,238	1	0	2	1	3	6	19	10	1	1
MISSISSIPPI	22	4,875,449	0	0	1	1	2	4	8	3	3	0
MISSOURI	65	14,834,265	1	3	2	2	8	17	20	5	4	3
MONTANA	9	1,550,840	0	0	0	0	0	4	3	2	0	0
NEBRASKA	23	5,119,299	0	1	1	1	1	6	10	0	2	1
NEVADA	4	1,426,253	0	0	1	0	1	0	0	0	2	0
NEW HAMPSHIRE	17	4,055,329	0	1	1	1	1	3	7	1	1	1
NEW JERSEY	37	16,810,809	0	0	0	0	4	4	14	9	3	3
NEW MEXICO	10	3,052,853	0	0	0	0	1	3	4	0	1	1
NEW YORK	239	64,108,008	4	8	2	5	45	28	92	33	12	10
NORTH CAROLINA	52	19,422,564	0	0	0	3	2	11	23	6	3	4
NORTH DAKOTA	9	1,857,899	0	0	0	0	1	5	0	2	1	0
OHIO	84	26,692,898	0	1	2	1	9	19	26	12	7	7
OKLAHOMA	28	8,712,453	0	2	3	1	1	4	13	1	0	3
OREGON	31	6,974,584	1	0	1	3	2	9	8	4	1	2
PENNSYLVANIA	131	33,748,948	0	0	4	2	10	26	60	17	7	5
RHODE ISLAND	10	4,000,864	0	1	0	1	0	2	2	2	1	1
SOUTH CAROLINA	32	7,640,758	0	1	0	0	1	9	15	4	0	2
SOUTH DAKOTA	16	2,061,168	1	0	0	0	3	6	4	2	0	0
TENNESSEE	51	11,834,351	0	2	2	1	4	20	12	5	2	3
TEXAS	95	38,570,210	1	2	2	4	3	17	35	13	8	10
UTAH	6	3,850,543	0	0	0	0	0	1	2	1	1	1
VERMONT	17	2,712,378	0	0	1	1	4	5	4	0	2	0
VIRGINIA	47	14,548,823	0	0	1	1	1	9	21	9	2	3
WASHINGTON	26	9,414,750	0	1	1	1	3	1	11	5	1	2
WEST VIRGINIA	22	3,763,711	0	1	0	1	3	2	13	1	0	1
WISCONSIN	44	13,789,947	0	0	1	1	6	11	12	8	3	2
WYOMING	1	952,839	0	0	0	0	0	0	0	0	1	0

Table 5: Number of libraries by category of number of volumes of books, bound serials and government documents held at the end of the year and number of volumes of books, bound serials and government documents in all libraries by State, and level and control of institution: 1988

C. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS OFFERING DOCTORAL PROGRAMS

	Total number of libraries	Volumes held At end of year	Less than 5,000	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 to 999,999	1,000,000 or more
TOTAL 50 states & DC	466	430,732,882	2	7	6	6	4	39	115	68	78	141
ALABAMA	7	5,470,251	1	0	0	0	0	0	0	3	1	2
ALASKA	1	678,140	0	0	0	0	0	0	0	0	1	0
ARIZONA	3	6,476,960	0	0	0	0	0	0	0	0	1	2
ARKANSAS	2	1,386,680	0	0	0	0	0	0	1	0	0	1
CALIFORNIA	49	49,230,593	0	2	2	2	1	1	8	8	6	19
COLORADO	10	17,376,867	0	0	0	0	0	1	3	1	2	3
CONNECTICUT	7	12,606,052	0	0	0	0	0	2	0	2	0	3
DELAWARE	2	2,435,479	0	0	0	0	0	0	1	0	0	1
DISTRICT OF COLUMBIA	7	6,985,606	0	0	0	0	0	0	2	0	1	4
FLORIDA	14	10,429,751	0	1	0	0	1	0	4	1	2	5
GEORGIA	7	7,916,062	0	0	0	0	1	1	1	0	0	4
HAWAII	2	2,377,381	0	0	1	0	0	0	0	0	0	1
IDAHO	2	1,536,599	0	0	0	0	0	0	0	1	0	1
ILLINOIS	25	25,320,134	0	2	2	0	0	3	6	2	3	7
INDIANA	8	10,839,838	0	0	0	0	0	0	2	1	2	3
IOWA	6	6,042,468	0	0	0	0	0	1	1	1	1	2
KANSAS	3	4,512,529	0	0	0	0	0	0	0	0	1	2
KENTUCKY	7	4,853,721	0	0	0	0	0	0	4	0	0	3
LOUISIANA	10	7,006,753	0	0	0	0	0	0	3	3	2	2
MAINE	1	851,816	0	0	0	0	0	0	0	0	1	0
MARYLAND	9	5,990,982	0	0	0	0	0	2	2	2	1	2
MASSACHUSETTS	23	23,432,047	1	0	0	0	0	1	9	3	3	6
MICHIGAN	12	15,950,088	0	0	0	0	0	2	1	1	5	3
MINNESOTA	6	2,827,839	0	0	0	0	0	1	3	1	0	1
MISSISSIPPI	6	3,071,478	0	0	0	0	0	0	1	2	3	0
MISSOURI	14	8,596,685	0	0	0	0	0	4	4	1	2	3
MONTANA	2	927,753	0	0	0	0	0	0	0	2	0	0
NEBRASKA	3	2,572,985	0	0	0	0	0	1	0	0	1	1
NEVADA	2	1,371,655	0	0	0	0	0	0	0	0	2	0
NEW HAMPSHIRE	4	2,683,784	0	1	0	0	0	0	1	0	1	1
NEW JERSEY	10	11,596,124	0	0	0	0	0	0	2	4	1	3
NEW MEXICO	3	2,308,741	0	0	0	0	0	0	1	0	1	1
NEW YORK	50	35,448,922	0	0	0	2	0	6	19	8	6	9
NORTH CAROLINA	7	12,156,786	0	0	0	0	0	0	1	0	2	4
NORTH DAKOTA	2	1,149,528	0	0	0	0	0	0	0	1	1	0
OHIO	20	17,093,486	0	0	1	0	0	2	3	2	5	7
OKLAHOMA	6	6,093,034	0	0	0	1	0	0	1	1	0	3
OREGON	7	4,101,026	0	0	0	1	0	1	2	0	1	2
PENNSYLVANIA	23	16,877,264	0	0	0	0	0	3	8	2	5	5
RHODE ISLAND	2	2,996,608	0	0	0	0	0	0	0	0	1	1
SOUTH CAROLINA	7	4,334,879	0	0	0	0	0	1	3	1	0	2
SOUTH DAKOTA	4	1,095,870	0	0	0	0	0	1	1	2	0	0
TENNESSEE	12	7,962,199	0	0	0	0	0	2	2	3	2	3
TEXAS	30	27,167,594	0	0	0	0	0	1	9	6	4	10
UTAH	3	3,327,869	0	0	0	0	0	0	1	0	1	1
VERMONT	2	1,544,280	0	0	0	0	0	0	0	0	2	0
VIRGINIA	10	8,274,101	0	0	0	0	0	1	2	2	2	3
WASHINGTON	4	5,709,716	0	0	0	0	0	0	1	1	0	2
WEST VIRGINIA	2	1,213,145	0	1	0	0	0	0	0	0	0	1
WISCONSIN	7	7,569,895	0	0	0	0	1	1	2	0	1	2
WYOMING	1	952,839	0	0	0	0	0	0	0	0	1	0

Table 5: Number of libraries by category of number of volumes of books, bound serials and government documents held at the end of the year and number of volumes of books, bound serials and government documents in all libraries by State, and level and control of institution: 1988
D. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH MASTER'S HIGHEST LEVEL OF OFFERING

	Total number of libraries	Volumes held At end of year	Less than 5,000	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 to 999,999	1,000,000 or more
TOTAL 50 states & DC	802	158,431,488	5	9	19	20	37	135	374	156	45	2
ALABAMA	18	2,996,876	1	0	1	1	0	2	10	3	0	0
ALASKA	2	464,679	0	0	0	0	0	1	0	1	0	0
ARIZONA	5	629,854	0	0	0	0	0	1	4	0	0	0
ARKANSAS	9	2,102,210	0	0	0	1	0	1	3	4	0	0
CALIFORNIA	72	16,317,411	2	2	4	3	7	10	25	9	9	1
COLORADO	9	1,435,990	0	0	0	1	0	0	7	1	0	0
CONNECTICUT	13	3,480,299	0	0	0	1	0	1	6	3	2	0
DELAWARE	2	199,540	0	0	0	0	0	1	1	0	0	0
DISTRICT OF COLUMBIA	6	884,729	0	0	0	0	1	3	1	1	0	0
FLORIDA	16	3,662,765	0	0	1	0	2	1	7	3	2	0
GEORGIA	22	4,897,900	0	0	0	0	0	4	11	6	1	0
HAWAII	2	89,883	0	0	0	0	1	1	0	0	0	0
IDAHO	3	615,783	0	0	0	0	0	0	2	1	0	0
ILLINOIS	38	7,975,039	0	1	1	1	1	3	20	8	3	0
INDIANA	21	3,238,616	0	0	0	0	0	6	12	3	0	0
IOWA	8	970,664	0	0	0	1	1	2	3	1	0	0
KANSAS	9	2,003,610	0	0	0	0	0	3	3	3	0	0
KENTUCKY	10	3,594,534	0	0	0	0	0	2	2	3	3	0
LOUISIANA	11	2,147,788	0	0	0	0	1	1	7	2	0	0
MAINE	6	695,034	0	0	0	1	1	1	2	1	0	0
MARYLAND	19	2,936,024	0	0	0	1	4	1	11	2	0	0
MASSACHUSETTS	34	5,392,167	1	0	1	0	2	8	17	3	2	0
MICHIGAN	21	4,007,056	0	1	1	1	0	3	10	4	1	0
MINNESOTA	14	3,663,333	0	0	0	0	0	0	8	5	1	0
MISSISSIPPI	9	1,385,571	0	0	0	0	1	2	5	1	0	0
MISSOURI	22	3,786,920	1	0	1	0	3	5	7	3	2	0
MONTANA	5	456,137	0	0	0	0	0	3	2	0	0	0
NEBRASKA	6	1,384,706	0	0	0	0	0	1	4	0	1	0
NEVADA	1	12,000	0	0	1	0	0	0	0	0	0	0
NEW HAMPSHIRE	6	756,062	0	0	0	0	0	2	3	1	0	0
NEW JERSEY	15	4,034,243	0	0	0	0	0	2	6	5	2	0
NEW MEXICO	5	639,179	0	0	0	0	0	2	3	0	0	0
NEW YORK	95	20,288,180	0	3	1	2	2	9	50	22	5	1
NORTH CAROLINA	18	4,354,943	0	0	0	0	0	2	10	5	1	0
NORTH DAKOTA	2	301,295	0	0	0	0	1	0	0	1	0	0
OHIO	24	3,761,317	0	0	0	0	1	8	10	4	1	0
OKLAHOMA	9	1,643,559	0	0	0	0	0	0	9	0	0	0
OREGON	15	2,497,641	0	0	0	0	1	4	6	4	0	0
PENNSYLVANIA	59	10,489,267	0	0	4	1	3	12	27	10	2	0
RHODE ISLAND	6	892,130	0	0	0	1	0	2	1	2	0	0
SOUTH CAROLINA	10	1,920,052	0	0	0	0	0	1	6	3	0	0
SOUTH DAKOTA	5	637,350	0	0	0	0	0	2	3	0	0	0
TENNESSEE	13	1,744,442	0	2	0	0	0	5	4	2	0	0
TEXAS	38	9,354,505	0	0	2	1	1	5	18	7	4	0
UTAH	3	522,674	0	0	0	0	0	1	1	1	0	0
VERMONT	10	959,718	0	0	0	1	1	4	4	0	0	0
VIRGINIA	15	3,412,329	0	0	1	0	0	3	5	6	0	0
WASHINGTON	14	3,066,066	0	0	0	1	0	1	7	4	1	0
WEST VIRGINIA	7	1,054,473	0	0	0	0	1	0	5	1	0	0
WISCONSIN	20	4,674,945	0	0	0	1	1	3	6	7	2	0
WYOMING	0	0	0	0	0	0	0	0	0	0	0	0

Table 5: Number of libraries by category of number of volumes of books, bound serials and government documents held at the end of the year and number of volumes of books, bound serials and government documents in all libraries by State, and level and control of institution: 1988

E. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH BACCALAUREATE HIGHEST LEVEL OF OFFERING

	Total number of libraries	Volumes held At end of year	Less than 5,000	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 to 999,999	1,000,000 or more
TOTAL 50 states & DC	813	76,151,833	15	32	43	48	181	208	244	37	5	0
ALABAMA	10	707,935	0	0	1	0	2	6	1	0	0	0
ALASKA	3	107,748	0	0	0	1	2	0	0	0	0	0
ARIZONA	7	273,470	0	1	1	3	1	0	1	0	0	0
ARKANSAS	9	779,807	0	0	0	1	1	4	3	0	0	0
CALIFORNIA	45	1,964,298	1	4	5	7	19	5	4	0	0	0
COLORADO	10	954,441	1	1	0	1	4	0	2	1	0	0
CONNECTICUT	9	528,643	1	1	1	1	2	1	2	0	0	0
DELAWARE	3	123,569	0	0	1	0	0	2	0	0	0	0
DISTRICT OF COLUMBIA	3	66,685	0	1	1	0	1	0	0	0	0	0
FLORIDA	23	1,489,178	0	1	1	3	9	3	6	0	0	0
GEORGIA	15	1,080,758	0	1	1	1	3	5	4	0	0	0
HAWAII	4	392,209	0	0	0	1	0	1	2	0	0	0
IDAHO	2	123,606	0	0	0	1	0	1	0	0	0	0
ILLINOIS	32	2,763,492	2	3	2	3	3	8	9	2	0	0
INDIANA	21	2,449,381	1	0	0	0	3	4	12	1	0	0
IOWA	23	2,596,937	0	0	0	0	3	8	10	2	0	0
KANSAS	20	1,758,076	0	0	0	0	6	9	4	1	0	0
KENTUCKY	14	1,405,675	0	0	1	0	3	4	5	1	0	0
LOUISIANA	3	329,722	0	0	0	0	0	1	2	0	0	0
MAINE	14	2,081,547	0	0	1	1	3	5	1	2	1	0
MARYLAND	7	744,397	0	1	2	0	1	1	1	1	0	0
MASSACHUSETTS	26	3,495,465	0	0	4	0	7	5	6	2	2	0
MICHIGAN	33	2,664,885	1	1	4	4	6	7	8	2	0	0
MINNESOTA	24	3,115,066	1	0	2	1	3	5	8	4	0	0
MISSISSIPPI	7	418,400	0	0	1	1	1	2	2	0	0	0
MISSOURI	29	2,450,660	0	3	1	2	5	8	9	1	0	0
MONTANA	2	166,950	0	0	0	0	0	1	1	0	0	0
NEBRASKA	14	1,161,608	0	1	1	1	1	4	6	0	0	0
NEVADA	1	42,598	0	0	0	0	1	0	0	0	0	0
NEW HAMPSHIRE	7	615,483	0	0	1	1	1	1	3	0	0	0
NEW JERSEY	12	1,180,442	0	0	0	0	4	2	6	0	0	0
NEW MEXICO	2	104,933	0	0	0	0	1	1	0	0	0	0
NEW YORK	94	8,370,906	4	5	1	1	43	13	23	3	1	0
NORTH CAROLINA	27	2,910,835	0	0	0	3	2	9	12	1	0	0
NORTH DAKOTA	5	407,076	0	0	0	0	0	5	0	0	0	0
OHIO	40	5,838,095	0	1	1	1	8	9	13	6	1	0
OKLAHOMA	13	975,860	0	2	3	0	1	4	3	0	0	0
OREGON	9	375,917	1	0	1	2	1	4	0	0	0	0
PENNSYLVANIA	49	6,382,417	0	0	0	1	7	11	25	5	0	0
RHODE ISLAND	2	112,126	0	1	0	0	0	0	1	0	0	0
SOUTH CAROLINA	15	1,385,827	0	1	0	0	1	7	6	0	0	0
SOUTH DAKOTA	7	327,948	1	0	0	0	3	3	0	0	0	0
TENNESSEE	26	2,127,710	0	0	2	1	4	13	6	0	0	0
TEXAS	27	2,048,111	1	2	0	3	2	11	8	0	0	0
UTAH	0	0	0	0	0	0	0	0	0	0	0	0
VERMONT	5	208,380	0	0	1	0	3	1	0	0	0	0
VIRGINIA	22	2,862,393	0	0	0	1	1	5	14	1	0	0
WASHINGTON	8	638,968	0	1	1	0	3	0	3	0	0	0
WEST VIRGINIA	13	1,496,093	0	0	0	1	2	2	8	0	0	0
WISCONSIN	17	1,545,107	0	0	1	0	4	7	4	1	0	0
WYOMING	0	0	0	0	0	0	0	0	0	0	0	0

Table 5: Number of libraries by category of number of volumes of books, bound serials and government documents held at the end of the year and number of volumes of books, bound serials and government documents in all libraries by State, and level and control of institution: 1988

F. LIBRARIES IN LESS THAN 4-YEAR HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Volumes held At end of year	Less than 5,000	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 to 999,999	1,000,000 or more
TOTAL 50 states & DC	1,357	53,187,479	110	72	287	165	358	300	59	6	0	0
ALABAMA	48	1,586,293	7	1	5	5	21	9	0	0	0	0
ALASKA	7	179,414	0	0	3	1	3	0	0	0	0	0
ARIZONA	19	946,451	1	0	3	0	7	7	1	0	0	0
ARKANSAS	16	300,186	3	1	8	1	3	0	0	0	0	0
CALIFORNIA	129	7,108,466	6	2	18	6	27	56	14	0	0	0
COLORADO	24	630,883	3	1	9	1	7	3	0	0	0	0
CONNECTICUT	20	565,116	1	2	3	5	6	3	0	0	0	0
DELAWARE	3	110,375	0	0	1	0	1	1	0	0	0	0
DISTRICT OF COLUMBIA	0	0	0	0	0	0	0	0	0	0	0	0
FLORIDA	42	2,952,086	3	0	10	3	5	13	6	2	0	0
GEORGIA	42	1,623,887	7	0	6	4	13	10	2	0	0	0
HAWAII	6	260,875	0	0	0	0	4	2	0	0	0	0
IDAHO	4	241,559	0	0	1	0	1	1	1	0	0	0
ILLINOIS	62	2,728,819	2	2	11	6	20	16	5	0	0	0
INDIANA	22	277,344	6	6	8	0	1	1	0	0	0	0
IOWA	21	640,691	2	0	7	1	6	5	0	0	0	0
KANSAS	24	812,189	0	0	2	11	8	3	0	0	0	0
KENTUCKY	15	663,062	2	0	9	1	2	0	0	1	0	0
LOUISIANA	10	403,919	3	0	2	0	2	2	1	0	0	0
MAINE	9	73,298	2	4	3	0	0	0	0	0	0	0
MARYLAND	22	1,045,636	2	1	0	4	9	2	4	0	0	0
MASSACHUSETTS	34	1,209,856	2	4	5	3	9	11	0	0	0	0
MICHIGAN	35	1,752,507	3	0	3	6	10	10	3	0	0	0
MINNESOTA	31	807,509	1	2	11	6	8	3	0	0	0	0
MISSISSIPPI	22	864,306	1	2	1	5	9	2	2	0	0	0
MISSOURI	22	723,954	4	0	6	5	3	3	1	0	0	0
MONTANA	9	130,603	2	2	3	1	1	0	0	0	0	0
NEBRASKA	12	253,032	1	2	3	4	1	1	0	0	0	0
NEVADA	4	112,760	0	0	1	2	1	0	0	0	0	0
NEW HAMPSHIRE	12	158,310	0	6	4	2	0	0	0	0	0	0
NEW JERSEY	23	1,313,703	1	1	2	3	2	12	2	0	0	0
NEW MEXICO	16	472,150	0	3	4	1	6	2	0	0	0	0
NEW YORK	86	3,731,510	15	12	11	1	13	28	6	0	0	0
NORTH CAROLINA	73	2,258,797	0	5	13	25	21	9	0	0	0	0
NORTH DAKOTA	10	225,219	3	1	1	2	2	1	0	0	0	0
OHIO	64	1,952,727	10	1	22	9	9	11	2	0	0	0
OKLAHOMA	18	628,591	0	2	4	3	5	4	0	0	0	0
OREGON	15	660,093	0	0	2	0	7	6	0	0	0	0
PENNSYLVANIA	79	2,618,753	2	2	36	6	20	11	2	0	0	0
RHODE ISLAND	1	84,410	0	0	0	0	0	1	0	0	0	0
SOUTH CAROLINA	31	873,696	4	0	8	7	9	3	0	0	0	0
SOUTH DAKOTA	3	58,451	0	1	1	0	1	0	0	0	0	0
TENNESSEE	32	956,718	2	0	14	2	7	7	0	0	0	0
TEXAS	73	3,704,605	5	1	10	5	24	21	6	1	0	0
UTAH	8	224,339	2	0	1	0	4	1	0	0	0	0
VERMONT	5	114,071	0	2	1	0	1	1	0	0	0	0
VIRGINIA	31	1,319,293	1	2	2	10	10	4	1	1	0	0
WASHINGTON	29	1,157,093	1	0	3	3	15	7	0	0	0	0
WEST VIRGINIA	7	224,857	0	0	3	0	3	1	0	0	0	0
WISCONSIN	19	1,150,412	0	1	2	4	6	5	0	1	0	0
WYOMING	8	294,605	0	0	1	1	5	1	0	0	0	0

Table 5: Number of libraries by category of number of volumes of books, bound serials and government documents held at the end of the year and number of volumes of books, bound serials and government documents in all libraries by State, and level and control of institution: 1988

G. LIBRARIES IN PUBLIC HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Volumes held At end of year	Less than 5,000	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 to 999,999	1,000,000 or more
TOTAL 50 states & DC	1,539	406,359,485	26	34	93	143	325	353	237	150	92	86
ALABAMA	56	8,892,554	6	1	1	2	21	12	6	4	1	2
ALASKA	10	1,322,233	0	0	3	1	3	1	0	1	1	0
ARIZONA	19	7,372,086	1	0	0	0	7	7	1	0	1	2
ARKANSAS	20	3,631,405	0	1	5	1	3	0	5	4	0	1
CALIFORNIA	137	45,247,588	0	1	3	6	26	56	15	8	13	9
COLORADO	27	17,285,432	0	1	3	1	6	3	7	2	2	2
CONNECTICUT	25	3,516,525	1	1	3	5	6	2	4	2	0	1
DELAWARE	5	2,532,369	0	0	1	0	1	1	1	0	0	1
DISTRICT OF COLUMBIA	2	564,237	0	0	0	0	0	1	0	1	0	0
FLORIDA	38	11,734,701	0	0	0	2	5	13	7	5	3	3
GEORGIA	46	10,566,367	4	1	0	1	9	12	11	4	1	3
HAWAII	9	2,806,501	0	0	0	1	4	2	1	0	0	1
IDAHO	6	2,071,611	0	0	0	0	1	2	0	2	0	1
ILLINOIS	59	20,037,430	0	1	2	5	19	15	5	3	4	5
INDIANA	27	10,409,900	4	6	2	0	1	3	5	2	2	2
IOWA	19	5,900,596	1	0	4	1	5	5	0	0	1	2
KANSAS	30	7,054,460	0	0	1	10	7	3	3	3	1	2
KENTUCKY	9	6,714,349	0	0	0	0	0	0	0	4	3	2
LOUISIANA	20	6,963,873	0	0	1	0	2	2	7	5	2	1
MAINE	13	1,697,261	0	2	3	0	1	3	2	1	1	0
MARYLAND	34	6,460,637	0	0	0	5	9	3	10	5	1	1
MASSACHUSETTS	31	5,299,312	0	0	2	1	5	11	8	3	0	1
MICHIGAN	49	19,384,875	0	0	1	5	9	15	8	3	5	3
MINNESOTA	33	5,114,679	1	2	5	4	8	3	6	2	1	1
MISSISSIPPI	26	4,615,336	0	0	1	2	9	2	6	3	3	0
MISSOURI	25	7,978,621	0	0	2	4	3	3	3	5	4	1
MONTANA	12	1,402,297	2	0	3	0	1	2	2	2	0	0
NEBRASKA	20	3,560,058	0	3	2	4	2	4	3	0	1	1
NEVADA	6	1,484,415	0	0	1	2	1	0	0	0	2	0
NEW HAMPSHIRE	12	1,580,647	0	4	2	2	0	0	2	1	1	0
NEW JERSEY	33	8,951,335	1	0	1	1	2	12	9	4	2	1
NEW MEXICO	22	3,259,191	0	3	4	1	6	3	3	0	1	1
NEW YORK	90	21,184,147	0	1	0	2	10	34	20	14	5	4
NORTH CAROLINA	74	12,682,578	0	1	8	25	18	7	5	5	3	2
NORTH DAKOTA	15	1,884,780	2	1	1	2	2	4	0	2	1	0
OHIO	58	16,864,303	1	0	7	8	10	17	4	0	5	6
OKLAHOMA	28	6,882,702	0	1	2	4	5	5	9	0	0	2
OREGON	21	5,137,630	0	0	0	0	7	7	4	0	1	2
PENNSYLVANIA	61	14,465,659	0	0	2	7	14	15	8	10	2	3
RHODE ISLAND	3	1,284,854	0	0	0	0	0	1	0	1	1	0
SOUTH CAROLINA	33	5,995,173	0	0	5	7	6	5	5	3	0	2
SOUTH DAKOTA	7	1,403,143	1	0	0	0	0	1	3	2	0	0
TENNESSEE	24	7,039,288	0	0	2	0	5	7	2	4	2	2
TEXAS	103	28,484,181	1	1	7	4	23	24	19	12	7	5
UTAH	9	1,855,135	0	0	0	0	4	1	2	1	1	0
VERMONT	6	1,274,352	0	1	0	0	0	4	0	0	1	0
VIRGINIA	39	11,071,888	0	0	0	9	9	4	6	6	2	3
WASHINGTON	33	7,994,747	0	0	2	3	15	7	1	2	1	2
WEST VIRGINIA	16	3,038,366	0	1	0	0	4	2	7	1	0	1
WISCONSIN	31	11,172,924	0	0	1	4	6	6	2	8	2	2
WYOMING	8	1,230,754	0	0	0	1	5	1	0	0	1	0

Table 5: Number of libraries by category of number of volumes of books, bound serials and government documents held at the end of the year and number of volumes of books, bound serials and government documents in all libraries by State, and level and control of institution: 1988

H. LIBRARIES IN PRIVATE HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Volumes held At end of year	Less than 5,000	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 to 999,999	1,000,000 or more
TOTAL 50 states & DC	1,899	312,144,197	106	85	262	96	255	329	555	117	36	57
ALABAMA	27	1,868,801	3	0	6	4	2	5	5	2	0	0
ALASKA	3	107,748	0	0	0	1	2	0	0	0	0	0
ARIZONA	15	954,649	0	1	4	3	1	1	5	0	0	0
ARKANSAS	16	937,478	3	0	3	2	1	5	2	0	0	0
CALIFORNIA	158	29,373,180	9	9	26	12	28	16	36	9	2	11
COLORADO	26	3,112,749	4	1	6	2	5	1	5	1	0	1
CONNECTICUT	24	13,663,585	1	2	1	2	2	5	4	3	2	2
DELAWARE	5	336,594	0	0	1	0	0	3	1	0	0	0
DISTRICT OF COLUMBIA	14	7,372,783	0	1	1	0	2	2	3	0	1	4
FLORIDA	57	6,799,079	3	2	12	4	12	4	16	1	1	2
GEORGIA	40	4,952,240	3	0	7	4	8	8	7	2	0	1
HAWAII	5	313,847	0	0	1	0	1	2	1	0	0	0
IDAHO	5	445,936	0	0	1	1	0	0	3	0	0	0
ILLINOIS	98	18,750,054	4	7	14	5	5	15	35	9	2	2
INDIANA	45	6,395,279	3	0	6	0	3	8	21	3	0	1
IOWA	39	4,350,164	1	0	3	1	5	11	14	4	0	0
KANSAS	26	2,031,944	0	0	1	1	7	12	4	1	0	0
KENTUCKY	37	3,802,643	2	0	10	1	5	6	11	1	0	1
LOUISIANA	14	2,924,309	3	0	1	0	1	2	6	0	0	1
MAINE	17	2,004,434	2	2	1	2	3	3	1	2	1	0
MARYLAND	23	4,256,402	2	2	2	0	5	3	8	0	0	1
MASSACHUSETTS	86	28,230,223	4	4	8	2	13	14	24	5	7	5
MICHIGAN	52	4,989,661	4	2	7	6	7	7	14	4	1	0
MINNESOTA	42	5,299.068	1	0	8	3	3	6	13	8	0	0
MISSISSIPPI	18	1,124,419	1	2	1	4	2	4	4	0	0	0
MISSOURI	62	7,579,598	5	3	6	3	8	17	18	0	0	2
MONTANA	6	279,146	0	2	0	1	0	2	1	0	0	0
NEBRASKA	15	1,812,273	1	0	2	1	0	3	7	0	1	0
NEVADA	2	54,598	0	0	1	0	1	0	0	0	0	0
NEW HAMPSHIRE	17	2,632,992	0	3	3	1	1	3	5	0	0	1
NEW JERSEY	27	9,173,177	0	1	1	2	4	4	7	5	1	2
NEW MEXICO	4	265,812	0	0	0	0	1	2	1	0	0	0
NEW YORK	235	46,655,371	19	19	13	4	48	22	78	19	7	6
NORTH CAROLINA	51	8,998,783	0	4	5	3	5	13	18	1	0	2
NORTH DAKOTA	4	198,338	1	0	0	0	1	2	0	0	0	0
OHIO	90	11,781,322	9	2	17	2	8	13	24	12	2	1
OKLAHOMA	18	2,458,342	0	3	5	0	1	3	4	1	0	1
OREGON	25	2,497,047	1	0	3	3	2	8	4	4	0	0
PENNSYLVANIA	149	21,902,042	2	2	38	1	16	22	54	7	5	2
RHODE ISLAND	8	2,800,420	0	1	0	1	0	2	2	1	0	1
SOUTH CAROLINA	30	2,519,281	4	1	3	0	4	7	10	1	0	0
SOUTH DAKOTA	12	716,476	0	1	1	0	4	5	1	0	0	0
TENNESSEE	59	5,751,781	2	2	14	3	6	20	10	1	0	1
TEXAS	65	13,790,634	5	2	5	5	4	14	22	2	1	5
UTAH	5	2,219,747	2	0	1	0	0	1	0	0	0	1
VERMONT	16	1,552,097	0	1	2	1	5	2	4	0	1	0
VIRGINIA	39	4,796,228	1	2	3	2	2	9	16	4	0	0
WASHINGTON	22	2,577,096	1	1	2	1	3	1	10	3	0	0
WEST VIRGINIA	13	950,202	0	0	3	1	2	1	6	0	0	0
WISCONSIN	32	3,767,435	0	1	2	1	6	10	10	1	1	0
WYOMING	1	16,690	0	0	1	0	0	0	0	0	0	0

Table 6: Number of volumes, units, and linear feet held at the end of the year and added during the year by material collection category, and number of volumes of books, bound serials and government documents in all libraries by State, and level and control of institution: 1988

A. ALL HIGHER EDUCATION INSTITUTIONAL LIBRARIES *

		Number held at end of year				Number added during the year				
	total number of libraries	Physical units of microforms	Manuscripts and archives linear feet	Cartographic materials units	Graphic materials units	Volume	Physical units Of microforms	Manuscripts and archives linear feet	Cartographic materials units	Graphic materials units
TOTAL 50 STATES & DC	3,438	652,738,071	2,528,900	27,156,348	49,578,796	21,907,295	36,352,495	127,197	872,327	1,809,274
ALABAMA	83	12,943,530	28,782	379,810	440,465	343,261	571,039	2,460	42,913	36,954
ALASKA	13	1,480,791	9,430	36,182	266,330	58,153	36,287	800	2,954	5,872
ARIZONA	34	9,838,743	31,306	300,779	87,132	302,688	786,674	474	15,053	8,314
ARKANSAS	36	6,200,827	10,015	132,120	52,771	225,717	349,485	914	3,419	3,130
CALIFORNIA	295	54,970,742	187,014	3,373,252	8,956,071	2,309,730	3,912,524	9,814	103,689	239,668
COLORADO	53	11,211,007	36,404	466,062	322,482	316,172	807,613	1,610	21,001	10,767
CONNECTICUT	49	8,787,793	60,088	683,921	2,360,238	405,270	755,898	2,478	9,579	18,364
DELAWARE	10	7,432,772	587	247	10,741	95,798	222,279	72	3	28
DISTRICT OF COLUMBIA	16	11,544,082	35,778	48,758	161,012	239,605	904,914	1,202	345	62,056
FLORIDA	95	22,695,904	40,868	913,717	847,284	663,884	1,534,691	2,423	21,641	43,470
GEORGIA	86	19,020,649	77,249	749,782	457,291	506,411	978,285	3,503	41,274	31,601
HAWAII	14	4,811,132	2,686	147,171	159,349	120,384	155,176	222	11,982	11,637
IDAHO	11	4,510,852	7,380	315,094	131,163	83,192	458,678	969	7,417	14,028
ILLINOIS	157	27,161,127	121,025	2,628,378	1,045,282	1,096,364	1,203,968	4,096	75,800	31,167
INDIANA	72	9,842,719	16,719	1,062,288	949,955	454,628	416,558	523	30,679	40,282
IOWA	58	7,146,179	27,943	481,904	801,943	342,018	342,423	1,302	18,984	42,097
KANSAS	56	7,827,590	35,107	421,627	2,068,647	237,183	338,736	2,985	11,615	22,543
KENTUCKY	46	11,551,746	44,274	286,424	1,801,771	315,065	989,377	2,159	10,914	31,138
LOUISIANA	34	13,037,010	64,558	569,236	823,007	276,181	685,393	2,186	5,891	155,442
MAINE	30	3,641,645	36,433	91,448	154,354	116,945	174,004	815	4,571	9,039
MARYLAND	57	7,932,746	33,809	263,339	550,226	330,524	459,819	1,191	9,501	43,963
MASSACHUSETTS	117	25,390,852	194,547	780,289	3,980,305	898,046	1,402,068	10,100	20,081	58,204
MICHIGAN	101	21,636,932	132,541	894,591	948,368	768,623	987,231	7,422	26,143	19,030
MINNESOTA	75	9,899,202	22,469	440,633	566,934	301,207	452,248	1,432	12,542	16,791
MISSISSIPPI	44	9,313,992	24,327	88,577	74,694	175,556	380,389	932	3,340	6,507
MISSOURI	87	16,478,990	22,952	441,669	435,096	426,555	648,175	2,465	11,075	20,475
MONTANA	18	1,895,824	10,718	245,490	151,987	59,665	128,100	2,006	9,699	3,884
NEBRASKA	35	5,825,305	9,665	58,908	109,210	144,411	394,306	340	2,663	3,721
NEVADA	8	3,127,189	8,211	133,223	213,228	63,016	163,704	91	7,516	7,797
NEW HAMPSHIRE	29	4,633,511	19,255	230,244	66,304	129,541	275,512	374	9,352	2,168
NEW JERSEY	60	10,010,888	81,180	459,171	583,413	508,472	710,767	2,966	8,151	24,386
NEW MEXICO	26	7,023,331	11,538	214,970	73,098	112,278	232,941	520	12,154	13,896
NEW YORK	325	64,018,010	218,974	1,003,559	3,969,583	1,831,103	3,400,594	6,945	46,243	213,856
NORTH CAROLINA	125	22,425,286	58,668	544,872	449,623	674,856	1,152,623	7,664	30,494	9,345
NORTH DAKOTA	19	1,675,516	74,005	288,534	12,616	63,301	64,809	211	5,863	586
OHIO	148	22,566,727	89,748	2,362,676	946,130	1,274,582	943,004	3,690	56,145	152,124
OKLAHOMA	46	11,559,861	27,445	324,585	345,164	240,529	797,690	1,175	14,634	8,457
OREGON	46	7,283,942	64,677	639,213	1,111,108	224,942	422,628	5,854	16,281	47,028
PENNSYLVANIA	210	31,651,523	104,472	736,780	1,771,535	936,098	1,480,427	4,546	28,027	61,874
RHODE ISLAND	11	2,967,179	11,005	13,028	607,990	63,877	87,982	355	378	24,985
SOUTH CAROLINA	63	6,969,883	22,075	235,940	522,657	252,868	372,592	6,430	6,858	7,288
SOUTH DAKOTA	19	1,513,996	8,453	111,144	45,819	59,796	84,876	739	3,432	9,255
TENNESSEE	83	8,185,092	24,331	201,531	223,004	383,132	742,383	1,651	6,940	33,129
TEXAS	168	44,790,578	129,311	998,370	6,953,895	1,250,297	1,807,722	5,123	37,410	70,618
UTAH	14	6,264,118	31,651	449,950	341,476	201,177	190,612	1,145	7,937	65,268
VERMONT	22	1,961,955	11,868	263,542	318,955	94,604	92,363	500	7,466	9,442
VIRGINIA	78	18,502,051	83,512	375,259	472,131	526,936	960,814	1,831	6,701	17,899
WASHINGTON	55	2,758,556	47,697	370,174	877,693	366,042	479,182	3,062	6,754	19,423
WEST VIRGINIA	29	2,349,527	24,081	46,962	82,104	83,883	97,173	1,897	4,805	4,424
WISCONSIN	63	14,092,127	51,750	683,832	787,725	903,408	1,174,441	3,451	8,967	15,402
WYOMING	9	2,376,542	319	167,093	89,437	49,321	141,318	82	5,051	452

* Institutions with accreditation at the higher education level recognized by the Secretary of Education, 1988

Table 6: Number of volumes, units, and linear feet held at the end of the year and added during the year by material collection category, and number of volumes of books, bound serials and government documents in all libraries by State, and level and control of institution: 1988

B. TOTAL FOUR-YEAR HIGHER EDUCATION INSTITUTIONAL LIBRARIES

		Number held at end of year				Number added during the year				
	total number of libraries	Physical units of microforms	Manuscripts and archives linear feet	Cartographic materials units	Graphic materials units	Volume	Physical units Of microforms	Manuscripts and archives linear feet	Cartographic materials units	Graphic materials units
TOTAL 50 STATES & DC	2,081	627,174,132	2,436,068	26,855,581	46,424,951	19,999,003	34,075,413	115,794	854,248	1,697,943
ALABAMA	35	12,254,668	26,097	373,523	349,074	297,975	489,422	1,987	42,259	33,665
ALASKA	6	1,436,496	9,430	29,038	264,756	49,094	31,645	800	2,457	5,872
ARIZONA	15	8,730,164	30,356	283,859	59,944	263,930	724,540	310	14,676	7,139
ARKANSAS	20	6,036,220	9,845	131,532	15,115	213,390	336,769	886	3,346	2,919
CALIFORNIA	166	52,657,560	179,538	3,328,128	8,746,293	2,074,345	3,584,828	8,766	101,239	231,838
COLORADO	29	10,890,063	35,341	454,520	268,286	287,531	782,388	1,371	20,232	9,747
CONNECTICUT	29	8,475,531	59,991	682,271	2,346,869	384,528	725,693	2,476	9,524	17,331
DELAWARE	7	7,418,826	175	203	4,962	87,941	219,200	31	3	28
DISTRICT OF COLUMBIA	16	11,544,082	35,778	48,758	161,012	239,605	904,914	1,202	345	62,056
FLORIDA	53	20,576,514	38,662	901,059	432,117	574,528	1,359,205	1,996	21,006	25,729
GEORGIA	44	18,356,421	74,823	725,819	256,091	442,556	903,670	2,615	39,632	26,921
HAWAII	8	4,719,616	2,674	146,182	141,121	108,961	149,571	221	11,973	11,608
IDAHO	7	4,341,917	6,851	299,588	125,369	76,498	457,502	890	7,064	13,926
ILLINOIS	95	25,974,266	89,814	2,621,359	743,383	995,526	1,081,939	3,837	75,263	26,361
INDIANA	50	9,777,758	15,944	1,060,492	936,128	442,559	409,811	354	30,499	39,564
IOWA	37	6,938,524	27,031	479,195	778,200	321,868	330,955	1,165	18,871	41,328
KANSAS	32	6,848,087	32,351	420,179	2,054,091	212,880	277,183	1,544	11,517	22,228
KENTUCKY	31	11,291,622	43,010	282,351	1,760,427	289,533	922,130	1,922	10,556	28,992
LOUISIANA	24	12,891,314	64,454	567,849	809,909	260,496	677,169	2,143	5,518	155,148
MAINE	21	3,619,957	36,418	91,331	154,315	110,988	172,525	813	4,567	9,033
MARYLAND	35	7,438,198	32,660	258,017	543,822	291,435	435,867	890	9,335	43,515
MASSACHUSETTS	83	25,026,027	193,621	778,458	3,919,106	864,228	1,330,846	9,977	19,897	52,655
MICHIGAN	66	20,911,278	130,452	883,361	862,203	729,134	955,374	7,326	25,625	17,868
MINNESOTA	44	9,633,655	21,153	434,712	521,211	274,616	426,845	1,164	12,164	14,766
MISSISSIPPI	22	8,983,110	23,926	87,570	38,609	139,276	358,596	926	3,309	3,918
MISSOURI	65	16,143,326	21,450	438,341	395,025	406,000	621,904	2,179	10,865	20,007
MONTANA	9	1,837,653	10,585	244,557	147,474	38,974	106,721	1,983	9,627	3,644
NEBRASKA	23	5,750,863	9,370	58,242	99,165	134,050	387,622	293	2,558	3,058
NEVADA	4	3,058,558	8,201	132,538	180,662	56,334	157,930	91	7,179	7,461
NEW HAMPSHIRE	17	4,599,161	19,005	229,173	63,842	123,025	270,718	323	9,241	1,954
NEW JERSEY	37	9,649,008	79,970	457,167	531,457	464,383	680,717	2,939	8,062	22,862
NEW MEXICO	10	6,335,061	11,364	209,978	51,795	73,311	183,041	360	11,888	10,133
NEW YORK	239	62,774,669	214,556	996,888	3,626,290	1,710,965	3,281,291	6,649	45,819	206,317
NORTH CAROLINA	52	21,688,343	52,072	540,919	269,465	580,216	1,025,547	7,526	30,111	4,710
NORTH DAKOTA	9	1,616,388	73,820	287,739	9,047	54,636	59,523	184	5,807	343
OHIO	84	21,236,932	86,405	2,352,352	802,285	1,203,933	859,781	2,923	55,289	147,366
OKLAHOMA	28	11,185,204	27,172	322,890	312,679	219,124	767,748	1,127	14,522	8,113
OREGON	31	6,958,989	64,313	625,857	1,093,965	204,334	393,159	5,820	15,981	39,539
PENNSYLVANIA	131	30,676,226	100,130	719,770	1,657,636	852,281	1,401,182	3,375	26,532	54,272
RHODE ISLAND	10	2,915,779	11,005	13,028	607,828	62,087	83,854	355	378	24,977
SOUTH CAROLINA	32	6,648,087	21,424	234,376	468,437	227,852	336,409	6,339	6,673	4,938
SOUTH DAKOTA	16	1,508,647	8,360	110,881	44,473	58,484	83,875	725	3,398	9,212
TENNESSEE	51	7,826,904	23,173	196,187	181,199	343,977	691,097	1,407	6,262	30,380
TEXAS	95	41,827,862	127,872	993,310	6,857,596	1,092,481	1,633,831	4,141	37,187	68,807
UTAH	6	6,207,203	31,356	446,583	330,327	191,673	187,424	1,101	7,804	65,068
VERMONT	17	1,947,020	11,852	262,993	316,738	87,728	89,930	500	7,431	7,421
VIRGINIA	47	17,800,202	83,214	371,896	399,380	487,930	923,819	1,771	6,599	16,651
WASHINGTON	26	2,419,291	45,412	366,213	796,696	316,209	459,066	2,993	6,433	18,348
WEST VIRGINIA	22	2,285,297	23,591	46,290	68,389	78,055	87,766	1,840	4,730	3,761
WISCONSIN	44	13,525,519	50,001	676,622	758,352	858,170	1,119,772	3,238	8,804	14,203
WYOMING	1	1,980,066	0	151,437	62,336	39,370	133,099	0	4,191	243

Table 6: Number of volumes, units, and linear feet held at the end of the year and added during the year by material collection category, and number of volumes of books, bound serials and government documents in all libraries by State, and level and control of institution: 1988

C. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS OFFERING DOCTORAL PROGRAMS

		Number held at end of year				Number added during the year				
	total number of libraries	Physical units of microforms	Manuscripts and archives linear feet	Cartographic materials units	Graphic materials units	Volume	Physical units Of microforms	Manuscripts and archives linear feet	Cartographic materials units	Graphic materials units
TOTAL 50 STATES & DC	466	401,084,464	1,879,608	22,945,995	37,081,272	12,306,715	19,876,108	78,690	672,467	1,033,487
ALABAMA	7	7,061,924	20,117	340,485	205,332	191,647	229,036	1,721	36,216	26,784
ALASKA	1	882,765	7,177	28,445	253,798	20,679	1,263	586	2,403	4,598
ARIZONA	3	8,037,010	27,501	271,760	0	238,790	669,930	35	13,695	0
ARKANSAS	2	1,812,707	7,187	116,832	0	34,870	94,364	658	3,164	0
CALIFORNIA	49	40,363,501	109,911	2,873,714	8,068,810	1,430,431	1,969,691	5,429	84,681	182,009
COLORADO	10	8,400,761	28,896	404,532	185,463	210,150	646,384	876	15,490	763
CONNECTICUT	7	5,824,122	56,205	675,517	2,181,940	255,036	497,766	2,067	8,622	14,212
DELAWARE	2	7,056,966	0	0	20	74,980	212,192	0	0	0
DISTRICT OF COLUMBIA	7	8,414,940	34,792	48,694	138,337	200,538	891,300	1,190	317	61,354
FLORIDA	14	14,962,399	26,559	852,246	195,108	377,431	1,010,926	904	18,831	8,769
GEORGIA	7	9,900,380	65,121	685,346	109,426	249,675	501,495	1,520	33,819	7,268
HAWAII	2	3,980,920	1,037	134,073	125,000	87,942	84,115	6	3,651	10,784
IDAHO	2	3,317,617	3,713	183,782	91,858	45,641	403,158	890	2,969	13,542
ILLINOIS	25	17,663,980	73,586	2,344,809	479,972	677,075	707,011	2,986	68,560	9,831
INDIANA	8	6,008,060	7,599	964,098	818,140	298,397	243,182	100	24,757	34,860
IOWA	6	6,274,047	16,164	465,135	677,451	196,869	301,502	563	17,871	37,924
KANSAS	3	4,207,324	24,885	389,576	1,966,234	134,976	144,738	973	10,349	18,327
KENTUCKY	7	5,949,557	36,214	248,477	1,587,128	130,605	266,963	1,443	7,554	15,717
LOUISIANA	10	10,433,908	54,909	550,517	795,828	194,455	479,705	1,895	4,109	154,625
MAINE	1	1,954,393	2,575	50,000	15,400	28,048	67,258	300	2,700	2
MARYLAND	9	4,879,008	20,103	145,476	476,823	178,550	167,740	469	7,922	40,580
MASSACHUSETTS	23	17,954,149	153,458	588,936	3,542,593	597,258	876,425	4,263	15,025	21,477
MICHIGAN	12	13,659,701	116,436	722,238	549,176	418,731	643,491	5,287	17,309	2,268
MINNESOTA	6	2,337,828	10,574	172,144	305,044	82,284	112,424	525	5,300	7,662
MISSISSIPPI	6	7,198,770	17,077	80,392	15,632	96,037	236,742	768	2,887	2,670
MISSOURI	14	10,912,983	10,415	256,912	264,348	218,546	353,731	656	5,996	8,189
MONTANA	2	1,022,829	10,270	115,087	139,610	19,206	83,876	1,976	6,352	2,388
NEBRASKA	3	3,043,988	5,821	35,010	200	71,191	118,673	160	1,502	5
NEVADA	2	3,044,187	8,005	132,235	175,833	53,524	156,183	80	7,160	6,947
NEW HAMPSHIRE	4	3,243,855	16,551	221,005	20,207	84,586	176,720	83	8,509	2
NEW JERSEY	10	4,471,551	76,828	441,025	250,484	314,951	388,466	2,508	6,951	15,953
NEW MEXICO	3	5,169,801	9,198	196,023	46,966	55,302	175,346	317	11,028	9,619
NEW YORK	50	36,652,425	154,375	820,263	1,522,470	891,350	1,829,057	3,475	32,143	39,653
NORTH CAROLINA	7	10,357,538	41,611	377,960	156,115	372,530	488,580	7,225	18,863	1,913
NORTH DAKOTA	2	1,218,819	72,985	236,007	556	28,654	27,248	139	2,770	14
OHIO	20	15,970,736	72,084	2,095,295	415,311	977,162	591,023	2,299	43,455	18,095
OKLAHOMA	6	7,343,874	22,962	300,258	300,547	151,042	489,814	869	12,579	7,445
OREGON	7	4,704,386	59,721	587,374	1,065,202	109,030	251,061	5,417	14,364	36,720
PENNSYLVANIA	23	10,871,525	74,473	566,047	627,196	466,742	525,354	1,808	17,062	24,756
RHODE ISLAND	2	2,101,428	4,612	12,625	136,550	27,811	37,330	215	200	2,850
SOUTH CAROLINA	7	3,925,634	16,515	212,490	373,161	131,097	161,361	6,141	5,907	2,504
SOUTH DAKOTA	4	1,012,656	2,614	104,465	13,447	33,684	33,190	448	2,979	44
TENNESSEE	12	5,361,511	19,269	194,343	79,537	185,381	419,317	1,129	6,080	26,198
TEXAS	30	25,513,387	109,899	858,991	6,625,689	699,591	988,796	3,517	30,318	61,304
UTAH	3	5,675,566	29,986	398,095	325,463	176,751	154,978	1,000	7,748	65,068
VERMONT	2	1,155,588	8,721	254,646	253,800	46,392	67,637	185	6,739	1,500
VIRGINIA	10	12,542,251	59,229	349,334	324,134	286,344	354,074	879	4,561	14,500
WASHINGTON	4	562,254	31,391	230,897	648,344	202,254	318,222	550	3,016	5,818
WEST VIRGINIA	2	0	20,200	34,768	0	24,766	23,021	200	3,621	0
WISCONSIN	7	4,688,889	20,077	426,179	469,253	188,363	71,150	1,960	172	5,733
WYOMING	1	1,980,066	0	151,437	62,336	39,370	133,099	0	4,191	243

Table 6: Number of volumes, units, and linear feet held at the end of the year and added during the year by material collection category, and number of volumes of books, bound serials and government documents in all libraries by State, and level and control of institution: 1988

D. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH MASTER'S HIGHEST LEVEL OF OFFERING

		Number held at end of year				Number added during the year				
	total number of libraries	Physical units of microforms	Manuscripts and archives linear feet	Cartographic materials units	Graphic materials units	Volume	Physical units Of microforms	Manuscripts and archives linear feet	Cartographic materials units	Graphic materials units
TOTAL 50 STATES & DC	802	198,002,297	351,273	3,000,055	6,253,070	5,203,683	12,002,025	20,749	127,389	500,542
ALABAMA	18	5,153,589	3,893	32,297	128,105	90,152	257,180	192	6,008	6,233
ALASKA	2	528,997	1,861	66	622	22,231	26,883	192	18	215
ARIZONA	5	539,963	2,063	6,572	45,609	14,723	36,763	191	607	5,645
ARKANSAS	9	3,574,730	2,308	12,141	9,065	82,930	210,116	130	145	1,664
CALIFORNIA	72	11,614,109	64,656	443,270	575,155	482,578	1,517,008	2,987	15,533	40,023
COLORADO	9	1,581,716	2,653	29,313	62,749	37,205	91,939	185	1,613	6,901
CONNECTICUT	13	2,478,691	2,803	4,002	68,844	111,608	214,256	229	45	301
DELAWARE	2	306,524	20	168	201	8,335	3,661	6	3	25
DISTRICT OF COLUMBIA	6	3,121,708	986	64	22,675	25,110	12,827	12	28	702
FLORIDA	16	5,095,601	9,413	39,341	139,183	146,340	274,829	760	1,395	11,615
GEORGIA	22	8,290,700	8,558	31,230	62,937	166,366	393,259	956	5,217	10,388
HAWAII	2	46,634	0	247	713	7,667	23,719	0	29	35
IDAHO	3	940,885	2,884	115,455	31,849	25,757	50,574	0	4,095	355
ILLINOIS	38	7,730,360	12,999	211,895	182,408	241,515	341,840	701	6,027	13,489
INDIANA	21	2,986,115	4,932	72,541	64,982	85,152	118,292	142	4,635	1,614
IOWA	8	136,332	1,728	5,291	48,230	20,424	5,424	393	137	2,300
KANSAS	9	2,421,044	1,721	28,112	44,447	40,365	112,821	74	1,068	1,118
KENTUCKY	10	4,729,113	4,146	32,681	148,051	113,126	597,635	226	2,910	11,202
LOUISIANA	11	2,407,733	9,480	17,222	14,029	60,750	194,053	243	1,389	518
MAINE	6	935,639	1,256	7,371	20,901	22,772	56,009	139	1,084	2,989
MARYLAND	19	2,459,934	12,153	112,409	31,997	89,718	257,849	408	1,407	2,935
MASSACHUSETTS	34	6,162,203	17,440	98,305	246,945	164,044	382,370	875	1,961	26,775
MICHIGAN	21	6,438,246	9,262	140,016	151,649	141,375	243,626	716	7,114	7,549
MINNESOTA	14	6,371,888	6,572	168,193	54,561	84,931	194,029	360	4,118	1,768
MISSISSIPPI	9	1,754,207	2,849	6,753	17,518	35,247	119,168	87	386	734
MISSOURI	22	3,941,095	7,570	178,269	77,183	109,932	225,390	754	4,777	6,434
MONTANA	5	785,914	155	128,270	6,650	16,166	19,106	1	3,075	1,256
NEBRASKA	6	2,589,914	1,096	18,022	74,005	35,545	259,166	24	828	2,617
NEVADA	1	2,014	0	150	0	300	0	0	1	0
NEW HAMPSHIRE	6	1,090,224	417	2,408	26,386	19,902	76,919	5	75	1,151
NEW JERSEY	15	4,819,549	1,570	10,819	106,270	118,204	253,354	231	688	4,570
NEW MEXICO	5	1,151,667	1,970	13,802	0	12,397	5,948	32	842	0
NEW YORK	95	22,695,874	40,098	109,832	1,602,965	542,375	1,256,495	2,368	7,185	137,864
NORTH CAROLINA	18	9,686,395	7,916	141,133	68,049	131,518	325,645	207	10,772	2,236
NORTH DAKOTA	2	353,798	0	50,840	0	12,892	30,016	0	3,014	0
OHIO	24	2,933,267	2,989	8,776	188,051	100,501	165,540	223	754	110,549
OKLAHOMA	9	2,887,165	3,411	21,150	6,495	38,318	147,935	229	1,550	142
OREGON	15	2,130,556	4,450	33,831	25,290	79,918	124,947	401	1,227	2,817
PENNSYLVANIA	59	16,955,686	11,830	76,037	760,172	227,782	721,936	689	4,479	17,780
RHODE ISLAND	6	785,997	6,107	50	469,246	28,262	45,584	133	28	21,268
SOUTH CAROLINA	10	2,509,298	3,858	20,484	51,754	58,567	151,427	185	605	1,920
SOUTH DAKOTA	5	439,800	4,312	5,279	14,949	12,424	43,315	221	359	7,925
TENNESSEE	13	2,013,148	1,430	425	9,086	108,757	224,315	101	13	43
TEXAS	38	15,759,729	15,475	123,736	164,240	327,892	617,744	350	6,477	4,928
UTAH	3	531,637	1,370	48,488	4,864	14,922	32,446	101	56	0
VERMONT	10	696,426	2,639	7,716	53,280	32,061	18,649	275	646	4,893
VIRGINIA	15	4,370,926	5,753	11,251	40,351	120,106	345,339	500	1,367	609
WASHINGTON	14	1,638,144	11,447	123,395	64,120	89,231	125,461	2,242	2,656	8,316
WEST VIRGINIA	7	1,035,387	768	3,087	16,228	21,097	12,656	86	713	2,651
WISCONSIN	20	8,392,026	28,006	247,850	250,011	624,193	1,036,562	1,187	8,230	3,480
WYOMING	0	0	0	0	0	0	0	0	0	0

Table 6: Number of volumes, units, and linear feet held at the end of the year and added during the year by material collection category, and number of volumes of books, bound serials and government documents in all libraries by State, and level and control of institution: 1988

E. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH BACCALAUREATE HIGHEST LEVEL OF OFFERING

		Number held at end of year				Number added during the year				
	total number of libraries	Physical units of microforms	Manuscripts and archives linear feet	Cartographic materials units	Graphic materials units	Volume	Physical units Of microforms	Manuscripts and archives linear feet	Cartographic materials units	Graphic materials units
TOTAL 50 STATES & DC	813	28,087,371	205,187	909,531	3,090,609	2,488,605	2,197,280	16,355	54,392	163,914
ALABAMA	10	39,155	2,087	741	15,637	16,176	3,206	74	35	648
ALASKA	3	24,734	392	527	10,336	6,184	3,499	22	36	1,059
ARIZONA	7	153,191	792	5,527	14,335	10,417	17,847	84	374	1,494
ARKANSAS	9	648,783	350	2,559	6,050	95,590	32,289	98	37	1,255
CALIFORNIA	45	679,950	4,971	11,144	102,328	161,336	98,129	350	1,025	9,806
COLORADO	10	907,586	3,792	20,675	20,074	40,176	44,065	310	3,129	2,083
CONNECTICUT	9	172,718	983	2,752	96,085	17,884	13,671	180	857	2,818
DELAWARE	3	55,336	155	35	4,741	4,626	3,347	25	0	3
DISTRICT OF COLUMBIA	3	7,434	0	0	0	13,957	787	0	0	0
FLORIDA	23	518,514	2,690	9,472	97,826	50,757	73,450	332	780	5,345
GEORGIA	15	165,341	1,144	9,243	83,728	26,515	8,916	139	596	9,265
HAWAII	4	692,062	1,637	11,862	15,408	13,352	41,737	215	8,293	789
IDAHO	2	83,415	254	351	1,662	5,100	3,770	0	0	29
ILLINOIS	32	579,926	3,229	64,655	81,003	76,936	33,088	150	676	3,041
INDIANA	21	783,583	3,413	23,853	53,006	59,010	48,337	112	1,107	3,090
IOWA	23	528,145	9,139	8,769	52,519	104,575	24,029	209	863	1,104
KANSAS	20	219,719	5,745	2,491	43,410	37,539	19,624	497	100	2,783
KENTUCKY	14	612,952	2,650	1,193	25,248	45,802	57,532	253	92	2,073
LOUISIANA	3	49,673	65	110	52	5,291	3,411	5	20	5
MAINE	14	729,925	32,587	33,960	118,014	60,168	49,258	374	783	6,042
MARYLAND	7	99,256	404	132	35,002	23,167	10,278	13	6	0
MASSACHUSETTS	26	909,675	22,723	91,217	129,568	102,926	72,051	4,839	2,911	4,403
MICHIGAN	33	813,331	4,754	21,107	161,378	169,028	68,257	1,323	1,202	8,051
MINNESOTA	24	923,939	4,007	94,375	161,606	107,401	120,392	279	2,746	5,336
MISSISSIPPI	7	30,133	4,000	425	5,459	7,992	2,686	71	36	514
MISSOURI	29	1,289,248	3,465	3,160	53,494	77,522	42,783	769	92	5,384
MONTANA	2	28,910	160	1,200	1,214	3,602	3,739	6	200	0
NEBRASKA	14	116,961	2,453	5,210	24,960	27,314	9,783	109	228	436
NEVADA	1	12,357	196	153	4,829	2,510	1,747	11	18	514
NEW HAMPSHIRE	7	265,082	2,037	5,760	17,249	18,537	17,079	235	657	801
NEW JERSEY	12	357,908	1,572	5,323	174,703	31,228	38,897	200	423	2,339
NEW MEXICO	2	13,593	196	153	4,829	5,612	1,747	11	18	514
NEW YORK	94	3,426,370	20,083	66,793	500,855	277,240	195,739	806	6,491	28,800
NORTH CAROLINA	27	1,644,410	2,545	21,826	45,301	76,168	211,322	94	476	561
NORTH DAKOTA	5	43,771	835	892	8,491	13,090	2,259	45	23	329
OHIO	40	2,332,929	11,332	248,281	198,923	126,270	103,218	401	11,080	18,722
OKLAHOMA	13	954,165	799	1,482	5,637	29,764	129,999	29	393	526
OREGON	9	124,047	142	4,652	3,473	15,386	17,151	2	390	2
PENNSYLVANIA	49	2,849,015	13,827	77,686	270,268	157,757	153,892	878	4,991	11,736
RHODE ISLAND	2	28,354	286	353	2,032	6,014	940	7	150	859
SOUTH CAROLINA	15	213,155	1,051	1,402	43,522	38,188	23,621	13	161	514
SOUTH DAKOTA	7	56,191	1,434	1,137	16,077	12,376	7,370	56	60	1,243
TENNESSEE	26	452,245	2,474	1,419	92,576	49,839	47,465	177	169	4,139
TEXAS	27	554,746	2,498	10,583	67,667	64,998	27,291	274	392	2,575
UTAH	0	0	0	0	0	0	0	0	0	0
VERMONT	5	95,006	492	631	9,658	9,275	3,644	40	46	1,028
VIRGINIA	22	887,025	18,232	11,311	34,895	81,480	224,406	392	671	1,542
WASHINGTON	8	218,893	2,574	11,921	84,232	24,724	15,383	201	761	4,214
WEST VIRGINIA	13	1,249,910	2,623	8,435	52,161	32,192	52,089	1,554	396	1,110
WISCONSIN	17	444,604	1,918	2,593	39,088	45,614	12,060	91	402	4,990
WYOMING	0	0	0	0	0	0	0	0	0	0

Table 6: Number of volumes, units, and linear feet held at the end of the year and added during the year by material collection category, and number of volumes of books, bound serials and government documents in all libraries by State, and level and control of institution: 1988
F. LIBRARIES IN LESS THAN 4-YEAR HIGHER EDUCATION INSTITUTIONS

		Number held at end of year				Number added during the year				
	total number of libraries	Physical units of microforms	Manuscripts and archives linear feet	Cartographic materials units	Graphic materials units	Volume	Physical units Of microforms	Manuscripts and archives linear feet	Cartographic materials units	Graphic materials units
TOTAL 50 STATES & DC	1,357	25,563,939	92,832	300,767	3,153,845	1,908,292	2,277,082	11,403	18,079	111,331
ALABAMA	48	688,862	2,685	6,287	91,391	45,286	81,617	473	654	3,289
ALASKA	7	44,295	0	7,144	1,574	9,059	4,642	0	497	0
ARIZONA	19	1,108,579	950	16,920	27,188	38,758	62,134	164	377	1,175
ARKANSAS	16	164,607	170	588	37,656	12,327	12,716	28	73	211
CALIFORNIA	129	2,313,182	7,476	45,124	209,778	235,385	327,696	1,048	2,450	7,830
COLORADO	24	320,944	1,063	11,542	54,196	28,641	25,225	239	769	1,020
CONNECTICUT	20	312,262	97	1,650	13,369	20,742	30,205	2	55	1,033
DELAWARE	3	13,946	412	44	5,779	7,857	3,079	41	0	0
DISTRICT OF COLUMBIA	0	0	0	0	0	0	0	0	0	0
FLORIDA	42	2,119,390	2,206	12,658	415,167	89,356	175,486	427	635	17,741
GEORGIA	42	664,228	2,426	23,963	201,200	63,855	74,615	888	1,642	4,680
HAWAII	6	91,516	12	989	18,228	11,423	5,605	1	9	29
IDAHO	4	168,935	529	15,506	5,794	6,694	1,176	79	353	102
ILLINOIS	62	1,186,861	31,211	7,019	301,899	100,838	122,029	259	537	4,806
INDIANA	22	64,961	775	1,796	13,827	12,069	6,747	169	180	718
IOWA	21	207,655	912	2,709	23,743	20,150	11,468	137	113	769
KANSAS	24	979,503	2,756	1,448	14,556	24,303	61,553	1,441	98	315
KENTUCKY	15	260,124	1,264	4,073	41,344	25,532	67,247	237	358	2,146
LOUISIANA	10	145,696	104	1,387	13,098	15,685	8,224	43	373	294
MAINE	9	21,688	15	117	39	5,957	1,479	2	4	6
MARYLAND	22	494,548	1,149	5,322	6,404	39,089	23,952	301	166	448
MASSACHUSETTS	34	364,825	926	1,831	61,199	33,818	71,222	123	184	5,549
MICHIGAN	35	725,654	2,089	11,230	86,165	39,489	31,857	96	518	1,162
MINNESOTA	31	265,547	1,316	5,921	45,723	26,591	25,403	268	378	2,025
MISSISSIPPI	22	330,882	401	1,007	36,085	36,280	21,793	6	31	2,589
MISSOURI	22	335,664	1,502	3,328	40,071	20,555	26,271	286	210	468
MONTANA	9	58,171	133	933	4,513	20,691	21,379	23	72	240
NEBRASKA	12	74,442	295	666	10,045	10,361	6,684	47	105	663
NEVADA	4	68,631	10	685	32,566	6,682	5,774	0	337	336
NEW HAMPSHIRE	12	34,350	250	1,071	2,462	6,516	4,794	51	111	214
NEW JERSEY	23	361,880	1,210	2,004	51,956	44,089	30,050	27	89	1,524
NEW MEXICO	16	688,270	174	4,992	21,303	38,967	49,900	160	266	3,763
NEW YORK	86	1,243,341	4,418	6,671	343,293	120,138	119,303	296	424	7,539
NORTH CAROLINA	73	736,943	6,596	3,953	180,158	94,640	127,076	138	383	4,635
NORTH DAKOTA	10	59,128	185	795	3,569	8,665	5,286	27	56	243
OHIO	64	1,329,795	3,343	10,324	143,845	70,649	83,223	767	856	4,758
OKLAHOMA	18	374,657	273	1,695	32,485	21,405	29,942	48	112	344
OREGON	15	324,953	364	13,356	17,143	20,608	29,469	34	300	7,489
PENNSYLVANIA	79	975,297	4,342	17,010	113,899	83,817	79,245	1,171	1,495	7,602
RHODE ISLAND	1	51,400	0	0	162	1,790	4,128	0	0	8
SOUTH CAROLINA	31	321,796	651	1,564	54,220	25,016	36,183	91	185	2,350
SOUTH DAKOTA	3	5,349	93	263	1,346	1,312	1,001	14	34	43
TENNESSEE	32	358,188	1,158	5,344	41,805	39,155	51,286	244	678	2,749
TEXAS	73	2,962,716	1,439	5,060	96,299	157,816	173,891	982	223	1,811
UTAH	8	56,915	295	3,367	11,149	9,504	3,188	44	133	200
VERMONT	5	14,935	16	549	2,217	6,876	2,433	0	35	2,021
VIRGINIA	31	701,849	298	3,363	72,751	39,006	36,995	60	102	1,248
WASHINGTON	29	339,265	2,285	3,961	80,997	49,833	20,116	69	321	1,075
WEST VIRGINIA	7	64,230	490	672	13,715	5,828	9,407	57	75	663
WISCONSIN	19	566,608	1,749	7,210	29,373	45,238	54,669	213	163	1,199
WYOMING	8	396,476	319	15,656	27,101	9,951	8,219	82	860	209

Table 6: Number of volumes, units, and linear feet held at the end of the year and added during the year by material collection category, and number of volumes of books, bound serials and government documents in all libraries by State, and level and control of institution: 1988

G. LIBRARIES IN PUBLIC HIGHER EDUCATION INSTITUTIONS

		Number held at end of year				Number added during the year				
	total number of libraries	Physical units of microforms	Manuscripts and archives linear feet	Cartographic materials units	Graphic materials units	Volume	Physical units Of microforms	Manuscripts and archives linear feet	Cartographic materials units	Graphic materials units
TOTAL 50 STATES & DC	1,539	461,597,959	1,376,240	20,968,061	31,220,145	13,189,784	23,203,443	72,149	660,161	793,969
ALABAMA	56	11,950,491	24,124	369,833	321,488	292,721	523,328	2,113	42,305	30,009
ALASKA	10	1,456,057	9,038	35,655	255,994	51,969	32,788	778	2,918	4,813
ARIZONA	19	9,131,416	28,273	288,039	24,165	276,102	730,094	142	14,012	937
ARKANSAS	20	5,621,857	8,737	126,652	41,179	123,407	329,766	788	3,315	2,976
CALIFORNIA	137	36,973,770	30,135	2,576,938	6,806,609	1,434,358	2,455,499	2,819	76,635	126,383
COLORADO	27	8,968,851	25,780	434,089	227,356	207,987	636,196	999	19,190	478
CONNECTICUT	25	3,709,354	12,825	154,154	82,556	132,743	178,693	1,100	4,381	1,320
DELAWARE	5	6,999,550	412	186	5,957	83,553	170,804	41	2	12
DISTRICT OF COLUMBIA	2	3,106,698	30	9	3,737	13,806	12,694	0	3	62
FLORIDA	38	16,983,150	17,202	806,612	516,023	450,496	866,745	1,013	17,049	19,269
GEORGIA	46	15,888,583	63,185	731,678	339,445	363,975	810,875	2,250	36,527	11,258
HAWAII	9	4,226,098	1,699	136,864	154,131	104,074	101,405	160	3,953	11,097
IDAHO	6	4,227,726	6,273	300,517	125,753	70,088	445,581	890	6,713	13,926
ILLINOIS	59	17,735,907	82,529	1,959,460	648,982	576,514	829,102	1,782	54,707	7,363
INDIANA	27	6,668,656	7,926	873,788	858,957	277,376	307,554	127	23,140	33,970
IOWA	19	5,861,550	15,417	464,252	695,475	186,901	270,599	541	17,860	38,093
KANSAS	30	7,537,807	29,001	418,215	2,019,596	196,818	315,248	2,464	11,477	19,362
KENTUCKY	9	8,803,488	31,215	210,551	1,603,231	201,631	459,415	1,124	8,021	20,202
LOUISIANA	20	10,412,840	45,319	550,680	179,707	189,976	514,915	1,130	5,569	771
MAINE	13	2,981,770	3,770	79,195	54,931	60,834	128,310	729	3,777	432
MARYLAND	34	6,982,136	25,124	202,726	543,907	224,659	339,193	919	4,057	43,641
MASSACHUSETTS	31	6,043,621	12,461	260,097	274,331	198,643	334,326	940	5,848	22,635
MICHIGAN	49	18,383,321	119,748	835,550	734,327	525,127	854,357	6,014	24,397	7,827
MINNESOTA	33	7,792,791	15,662	314,362	378,517	144,777	247,467	981	9,740	10,623
MISSISSIPPI	26	8,884,003	20,172	88,062	61,572	144,153	351,242	829	3,301	5,951
MISSOURI	25	12,116,326	10,322	215,565	136,749	214,673	323,446	1,763	6,997	5,430
MONTANA	12	1,813,110	10,499	243,752	149,652	42,024	106,490	1,999	9,474	3,874
NEBRASKA	20	4,871,642	7,154	54,744	83,730	99,630	361,595	245	2,423	3,463
NEVADA	6	3,112,818	8,015	132,920	208,399	60,206	161,957	80	7,497	7,283
NEW HAMPSHIRE	12	2,079,820	8,185	87,817	10,987	36,744	123,873	163	377	302
NEW JERSEY	33	7,357,137	17,630	13,287	337,550	280,256	420,061	256	827	12,370
NEW MEXICO	22	7,004,926	11,342	213,818	68,269	101,600	230,282	509	11,709	13,382
NEW YORK	90	28,163,645	38,700	460,275	1,061,067	606,150	1,345,664	1,907	16,801	26,762
NORTH CAROLINA	74	13,624,772	29,591	507,583	355,634	444,769	756,192	4,748	29,804	7,611
NORTH DAKOTA	15	1,656,896	73,732	288,460	8,839	54,244	64,633	211	5,848	525
OHIO	58	16,750,371	54,246	2,022,670	395,761	940,637	593,643	1,958	41,217	13,858
OKLAHOMA	28	8,521,470	22,624	322,817	330,531	179,866	425,598	797	14,208	7,888
OREGON	21	6,014,971	60,494	629,933	1,076,042	138,582	332,130	5,435	15,631	44,061
PENNSYLVANIA	61	21,217,445	49,943	553,780	621,520	384,353	824,836	1,390	18,318	19,069
RHODE ISLAND	3	1,751,174	5,535	12,625	136,712	40,993	70,754	242	222	2,858
SOUTH CAROLINA	33	5,793,105	18,475	209,636	417,369	197,410	256,896	6,213	5,898	4,391
SOUTH DAKOTA	7	1,168,289	4,095	109,413	18,699	41,175	71,306	557	3,337	7,922
TENNESSEE	24	5,333,363	13,261	101,743	83,646	217,810	439,093	950	6,066	27,983
TEXAS	103	35,382,508	102,798	681,496	6,228,984	845,439	1,380,049	3,686	29,288	49,120
UTAH	9	4,704,228	17,964	258,885	337,368	128,320	144,049	601	4,683	65,015
VERMONT	6	1,469,949	8,104	180,938	254,566	36,633	65,653	195	4,650	3,510
VIRGINIA	39	15,694,574	64,854	351,472	405,058	377,415	761,250	1,320	5,464	15,139
WASHINGTON	33	1,392,514	42,231	338,584	790,431	288,438	378,531	1,784	4,985	8,240
WEST VIRGINIA	16	2,019,688	22,238	37,483	49,037	66,431	80,447	1,661	4,163	527
WISCONSIN	31	12,884,009	37,929	553,517	607,859	784,741	1,098,470	2,767	6,353	9,719
WYOMING	8	2,367,718	222	166,684	87,760	48,557	140,349	39	5,024	257

Table 6: Number of volumes, units, and linear feet held at the end of the year and added during the year by material collection category, and number of volumes of books, bound serials and government documents in all libraries by State, and level and control of institution: 1988
H. LIBRARIES IN PRIVATE HIGHER EDUCATION INSTITUTIONS

		Number held at end of year				Number added during the year				
	total number of libraries	Physical units of microforms	Manuscripts and archives linear feet	Cartographic materials units	Graphic materials units	Volume	Physical units Of microforms	Manuscripts and archives linear feet	Cartographic materials units	Graphic materials units
TOTAL 50 STATES & DC	1,899	191,140,112	1,152,660	6,188,287	18,358,651	8,717,511	13,149,052	55,048	212,166	1,015,305
ALABAMA	27	993,039	4,658	9,977	118,977	50,540	47,711	347	608	6,945
ALASKA	3	24,734	392	527	10,336	6,184	3,499	22	36	1,059
ARIZONA	15	707,327	3,033	12,740	62,967	26,586	56,580	332	1,041	7,377
ARKANSAS	16	578,970	1,278	5,468	11,592	102,310	19,719	126	104	154
CALIFORNIA	158	17,996,972	156,879	796,314	2,149,462	875,372	1,457,025	6,995	27,054	113,285
COLORADO	26	2,242,156	10,624	31,973	95,126	108,185	171,417	611	1,811	10,289
CONNECTICUT	24	5,078,439	47,263	529,767	2,277,682	272,527	577,205	1,378	5,198	17,044
DELAWARE	5	433,222	175	61	4,784	12,245	51,475	31	1	16
DISTRICT OF COLUMBIA	14	8,437,384	35,748	48,749	157,275	225,799	892,220	1,202	342	61,994
FLORIDA	57	5,712,754	23,666	107,105	331,261	213,388	667,946	1,410	4,592	24,201
GEORGIA	40	3,132,066	14,064	18,104	117,846	142,436	167,410	1,253	4,747	20,343
HAWAII	5	585,034	987	10,307	5,218	16,310	53,771	62	8,029	540
IDAHO	5	283,126	1,107	14,577	5,410	13,104	13,097	79	704	102
ILLINOIS	98	9,425,220	38,496	668,918	396,300	519,850	374,866	2,314	21,093	23,804
INDIANA	45	3,174,063	8,793	188,500	90,998	177,252	109,004	396	7,539	6,312
IOWA	39	1,284,629	12,526	17,652	106,468	155,117	71,824	761	1,124	4,004
KANSAS	26	289,783	6,106	3,412	49,051	40,365	23,488	521	138	3,181
KENTUCKY	37	2,748,258	13,059	75,873	198,540	113,434	529,962	1,035	2,893	10,936
LOUISIANA	14	2,624,170	19,239	18,556	643,300	86,205	170,478	1,056	322	154,671
MAINE	17	659,875	32,663	12,253	99,423	56,111	45,694	86	794	8,607
MARYLAND	23	950,610	8,685	60,613	6,319	105,865	120,626	272	5,444	322
MASSACHUSETTS	86	19,347,231	182,086	520,192	3,705,974	699,403	1,067,742	9,160	14,233	35,569
MICHIGAN	52	3,253,611	12,793	59,041	214,041	243,496	132,874	1,408	1,746	11,203
MINNESOTA	42	2,106,411	6,807	126,271	188,417	156,430	204,781	451	2,802	6,168
MISSISSIPPI	18	429,989	4,155	515	13,122	31,403	29,147	103	39	556
MISSOURI	62	4,362,664	12,630	226,104	298,347	211,882	324,729	702	4,078	15,045
MONTANA	6	82,714	219	1,738	2,335	17,641	21,610	7	225	10
NEBRASKA	15	953,663	2,511	4,164	25,480	44,781	32,711	95	240	258
NEVADA	2	14,371	196	303	4,829	2,810	1,747	11	19	514
NEW HAMPSHIRE	17	2,553,691	11,070	142,427	55,317	92,797	151,639	211	8,975	1,866
NEW JERSEY	27	2,653,751	63,550	445,884	245,863	228,216	290,706	2,710	7,324	12,016
NEW MEXICO	4	18,405	196	1,152	4,829	10,678	2,659	11	445	514
NEW YORK	235	35,854,365	180,274	543,284	2,908,516	1,224,953	2,054,930	5,038	29,442	187,094
NORTH CAROLINA	51	8,800,514	29,077	37,289	93,989	230,087	396,431	2,916	690	1,734
NORTH DAKOTA	4	18,620	273	74	3,777	9,057	176	0	15	61
OHIO	90	5,816,356	35,502	340,006	550,369	333,945	349,361	1,732	14,928	138,266
OKLAHOMA	18	3,038,391	4,821	1,768	14,633	60,663	372,092	378	426	569
OREGON	25	1,268,971	4,183	9,280	35,066	86,360	90,498	419	650	2,967
PENNSYLVANIA	149	10,434,078	54,529	183,000	1,150,015	551,745	655,591	3,156	9,709	42,805
RHODE ISLAND	8	1,216,005	5,470	403	471,278	22,884	17,228	113	156	22,127
SOUTH CAROLINA	30	1,176,778	3,600	26,304	105,288	55,458	115,696	217	960	2,897
SOUTH DAKOTA	12	345,707	4,358	1,731	27,120	18,621	13,570	182	95	1,333
TENNESSEE	59	2,851,729	11,070	99,788	139,358	165,322	303,290	701	874	5,146
TEXAS	65	9,408,070	26,513	316,874	724,911	404,858	427,673	1,437	8,122	21,498
UTAH	5	1,559,890	13,687	191,065	4,108	72,857	46,563	544	3,254	253
VERMONT	16	492,006	3,764	82,604	64,389	57,971	26,710	305	2,816	5,932
VIRGINIA	39	2,807,477	18,658	23,787	67,073	149,521	199,564	511	1,237	2,760
WASHINGTON	22	1,366,042	5,466	31,590	87,262	77,604	100,651	1,278	1,769	11,183
WEST VIRGINIA	13	329,839	1,843	9,479	33,067	17,452	16,726	236	642	3,897
WISCONSIN	32	1,208,118	13,821	130,315	179,866	118,667	75,971	684	2,614	5,683
WYOMING	1	8,824	97	409	1,677	764	969	43	27	195

Table 7: Number of titles held at the end of the year by material collection category, State, and level and control of institution: 1988
A. ALL HIGHER EDUCATION INSTITUTIONAL LIBRARIES *

	Total number of libraries	Books and bound serials	Government documents	Current serial subscriptions	Book titles represented by microforms	Serial titles represented by microforms	Government document titles represented by microforms	Audio materials	Films	Video materials	Machine readable materials	Other library materials
TOTAL 50 STATES & DC	3,438	365,452,400	87,014,332	6,415,844	55,173,701	15,179,265	55,522,442	11,806,851	2,672,116	1,223,287	1,241,845	13,802,778
ALABAMA	83	6,992,007	2,036,717	89,221	921,197	81,865	1,415,574	151,795	36,725	21,129	10,647	132,793
ALASKA	13	1,072,801	301,512	15,393	457,122	4,520	525,489	20,606	4,535	4,165	934	20,837
ARIZONA	34	1,961,911	961,461	80,715	232,857	38,274	1,397,863	72,588	12,966	10,589	11,078	30,906
ARKANSAS	36	2,584,688	1,078,240	42,952	772,058	1,001,591	243,971	44,346	7,521	8,706	472	23,539
CALIFORNIA	295	33,492,661	4,631,517	711,189	3,254,777	1,200,676	2,866,245	1,097,759	235,151	106,395	46,690	1,466,526
COLORADO	53	5,326,505	1,666,479	97,526	2,057,810	239,670	1,230,174	135,007	12,090	20,848	7,276	117,435
CONNECTICUT	49	7,691,806	225,817	106,520	148,857	28,712	158,321	280,196	3,945	17,455	42,241	358,131
DELAWARE	10	360,379	143,530	29,317	27,415	16,781	67,288	10,900	2,086	1,990	46	2,997
DISTRICT OF COLUMBIA	16	4,369,319	250,068	92,294	302,967	213,936	2,575,006	95,413	4,864	11,773	1,127	99,730
FLORIDA	95	9,574,210	2,637,723	149,864	1,284,712	553,932	2,288,135	265,723	62,151	58,926	126,741	418,838
GEORGIA	86	6,796,643	1,973,668	209,492	1,558,019	449,210	1,199,244	248,232	21,548	25,245	49,634	128,961
HAWAII	14	2,391,527	164,065	34,849	17,018	544,114	28,931	26,652	6,536	4,942	146	39,514
IDAHO	11	1,056,860	682,632	24,749	42,789	33,115	1,419,203	32,507	5,806	3,391	257	18,875
ILLINOIS	157	19,053,765	4,180,686	362,147	3,218,115	190,155	1,009,350	602,077	51,303	64,863	12,016	1,810,759
INDIANA	72	7,613,266	985,059	232,475	421,860	143,310	409,443	373,590	69,631	13,421	7,862	2,447,130
IOWA	58	6,669,237	1,122,417	76,292	814,833	67,938	343,314	144,102	23,599	22,277	2,891	66,562
KANSAS	56	4,622,878	3,165,072	70,990	934,248	329,423	791,969	227,458	16,164	8,949	5,698	179,590
KENTUCKY	46	6,802,248	1,593,361	89,397	1,193,068	245,054	1,557,361	195,438	39,698	14,037	6,673	152,507
LOUISIANA	34	5,554,220	4,173,820	82,412	1,145,886	23,360	2,626,272	119,363	18,129	14,752	6,341	253,559
MAINE	30	2,640,175	826,053	38,073	341,817	10,465	573,533	45,792	584	4,916	671	30,367
MARYLAND	57	6,130,031	1,949,802	81,854	173,143	12,581	74,562	233,225	11,150	23,386	6,578	40,491
MASSACHUSETTS	117	12,717,310	2,248,676	331,721	2,895,889	1,114,325	1,321,820	399,607	21,432	35,511	72,828	261,668
MICHIGAN	101	10,382,505	1,231,555	213,488	380,479	164,057	611,770	268,995	39,810	31,297	6,430	407,933
MINNESOTA	75	6,854,723	1,697,421	79,085	1,171,350	471,258	1,139,210	353,997	29,390	29,707	11,964	214,064
MISSISSIPPI	44	3,772,135	1,487,185	42,497	1,289,725	121,588	494,444	95,944	9,385	17,530	14,826	66,102
MISSOURI	87	9,894,816	2,636,023	123,414	856,558	135,283	1,336,429	249,064	12,625	26,987	7,178	113,456
MONTANA	18	587,009	1,180,676	14,903	531,979	373,733	733,150	31,281	2,972	3,721	610	2,291
NEBRASKA	35	3,468,814	742,715	47,699	143,120	8,816	302,993	61,063	6,227	11,230	1,479	52,936
NEVADA	8	542,307	261,597	24,498	52,828	290,120	417,010	43,354	3,115	3,668	344	23,142
NEW HAMPSHIRE	29	1,642,644	177,327	41,596	145,373	9,915	104,610	120,630	5,094	4,583	1,884	34,330
NEW JERSEY	60	6,072,212	1,292,452	126,308	882,095	108,267	1,043,469	227,058	36,448	21,490	8,054	249,977
NEW MEXICO	26	2,376,632	1,233,455	29,096	821,275	6,460	1,187,392	83,919	5,227	5,454	6,683	41,268
NEW YORK	325	40,294,804	3,061,675	718,199	4,543,964	582,499	3,457,384	1,397,561	39,124	86,656	182,728	763,067
NORTH CAROLINA	125	11,344,185	4,575,449	191,907	1,602,554	404,223	3,276,911	388,001	1,323,901	41,559	7,144	257,692
NORTH DAKOTA	19	993,589	760,783	18,735	6,256	85,325	183,625	35,314	2,794	3,747	1,358	54,848
OHIO	148	16,648,175	4,665,286	226,858	1,474,301	1,338,371	1,982,378	1,129,587	106,379	61,903	27,620	311,748
OKLAHOMA	46	4,287,489	2,385,844	76,565	1,732,998	567,567	1,363,702	113,026	12,936	22,920	2,116	168,395
OREGON	46	4,617,927	1,382,590	86,359	586,775	16,794	56,233	122,424	10,878	15,976	37,696	320,253
PENNSYLVANIA	210	22,064,098	3,106,258	257,934	4,515,105	544,263	2,906,135	584,856	69,646	78,002	65,116	876,239
RHODE ISLAND	11	2,559,570	705,502	39,495	162,104	1,069,135	182,549	14,948	981	1,798	19	4,747
SOUTH CAROLINA	63	5,116,619	1,066,102	59,817	1,558,307	350,508	1,348,403	75,991	20,106	10,931	134,484	116,806
SOUTH DAKOTA	19	1,513,171	844,478	14,165	441,852	4,325	207,277	39,718	1,796	4,340	1,294	23,912
TENNESSEE	83	6,961,260	989,525	99,031	1,927,805	732,870	1,090,062	153,513	13,227	32,254	11,089	76,096
TEXAS	168	21,127,063	4,168,155	343,851	5,235,256	678,298	3,038,243	521,829	165,224	76,020	21,621	493,347
UTAH	14	3,054,321	189,048	28,688	1,327,786	13,637	337,193	103,114	13,389	9,655	703	5,528
VERMONT	22	1,989,575	1,089,717	21,644	388,297	12,493	523,173	53,122	2,673	4,381	1,116	35,408
VIRGINIA	78	8,299,171	3,941,820	128,240	650,232	118,816	701,593	285,272	14,858	34,373	92,767	405,455
WASHINGTON	55	3,532,857	1,182,807	106,066	222,148	67,070	1,949,277	153,762	19,622	20,500	161,504	166,159
WEST VIRGINIA	29	1,918,061	1,004,592	24,773	64,797	57,260	141,592	71,226	10,788	11,050	3,155	200,188
WISCONSIN	63	7,244,674	2,940,526	166,316	238,561	302,472	1,262,125	200,047	22,940	50,782	10,682	207,843
WYOMING	9	817,547	15,394	15,175	3,364	835	21,042	5,859	2,947	3,107	1,334	7,833

* Institutions with accreditation at the higher education level recognized by the Secretary of Education, 1988

Table 7: Number of titles held at the end of the year by material collection category, State, and level and control of institution: 1988
B. TOTAL FOUR-YEAR HIGHER EDUCATION INSTITUTIONAL LIBRARIES

	Total number of libraries	Books and bound serials	Government documents	Current serial subscriptions	Book titles represented by microforms	Serial titles represented by microforms	Government document titles represented by microforms	Audio materials	Films	Video materials	Machine readable materials	Other library materials
TOTAL 50 STATES & DC	2,081	322,441,777	84,007,598	5,975,452	53,677,185	13,696,035	52,179,789	9,742,870	2,339,797	706,968	1,030,525	12,504,351
ALABAMA	35	5,705,793	1,844,895	76,819	866,859	52,593	1,237,345	92,499	20,069	8,653	3,493	99,902
ALASKA	6	977,740	296,492	14,252	456,703	4,333	522,721	17,512	4,470	3,144	474	20,824
ARIZONA	15	1,177,381	909,620	73,122	203,760	29,394	1,298,655	37,222	8,739	3,621	7,087	22,368
ARKANSAS	20	2,333,029	1,076,720	39,793	758,969	999,366	243,266	34,544	5,520	5,854	316	20,120
CALIFORNIA	166	27,520,848	4,274,506	659,306	3,145,283	996,448	2,544,510	851,037	196,238	38,278	34,962	1,261,275
COLORADO	29	4,814,232	1,591,253	92,096	2,033,258	235,480	1,124,009	111,665	8,891	7,894	6,372	83,974
CONNECTICUT	29	7,177,170	220,708	101,551	141,667	27,161	157,935	264,424	2,089	15,334	1,488	343,473
DELAWARE	7	281,764	50,814	28,095	27,280	13,546	67,288	6,585	1,792	1,431	40	2,750
DISTRICT OF COLUMBIA	16	4,369,319	250,068	92,294	302,967	213,936	2,575,006	95,413	4,864	11,773	1,127	99,730
FLORIDA	53	7,360,210	2,439,931	129,362	1,254,736	533,024	2,082,078	158,747	35,158	19,274	119,507	249,816
GEORGIA	44	5,392,968	1,816,777	197,033	1,494,990	413,524	1,057,386	186,153	11,099	15,269	45,739	108,215
HAWAII	8	2,166,596	161,670	32,954	16,757	543,198	28,931	18,688	4,845	4,057	117	27,969
IDAHO	7	862,396	447,577	22,689	34,861	32,392	1,284,086	20,442	3,444	178	215	18,434
ILLINOIS	95	17,002,550	4,097,650	337,539	3,140,913	160,182	899,686	463,158	32,494	32,396	8,106	1,702,586
INDIANA	50	7,359,479	942,617	229,213	413,884	140,461	345,634	359,249	67,442	10,136	7,021	2,438,558
IOWA	37	6,145,107	1,066,761	69,963	804,549	32,329	271,514	111,688	21,317	15,251	1,773	47,567
KANSAS	32	3,947,836	3,158,362	64,693	674,620	324,622	787,369	201,362	12,410	4,169	2,198	170,921
KENTUCKY	31	6,271,938	1,536,442	83,847	1,181,156	239,959	1,471,821	155,222	34,598	10,530	5,419	117,051
LOUISIANA	24	5,253,219	4,060,419	79,360	1,143,140	22,461	2,579,787	112,790	16,758	13,120	6,237	248,777
MAINE	21	2,575,060	824,685	36,352	341,813	10,070	573,533	45,395	573	4,734	628	19,807
MARYLAND	35	5,232,869	1,911,548	73,365	163,585	5,915	66,170	170,429	3,875	14,463	4,422	37,261
MASSACHUSETTS	83	11,754,386	2,224,353	321,872	2,876,409	1,109,420	1,291,225	341,679	15,952	26,249	71,835	232,536
MICHIGAN	66	9,301,847	1,089,829	200,828	370,923	149,564	534,159	204,952	30,699	19,725	5,170	384,286
MINNESOTA	44	6,133,293	1,640,657	71,986	1,151,139	461,368	999,413	325,279	25,288	23,959	7,977	196,535
MISSISSIPPI	22	3,086,600	1,482,129	35,989	1,273,502	110,994	494,414	63,590	4,974	8,221	13,682	57,075
MISSOURI	65	9,254,482	2,610,231	117,638	853,056	132,455	1,313,198	215,923	10,028	23,057	6,005	101,628
MONTANA	9	474,679	1,176,291	13,469	529,061	371,114	728,951	27,509	2,583	1,438	68	424
NEBRASKA	23	3,260,273	737,988	44,489	140,092	5,496	298,086	50,577	4,839	8,026	703	43,489
NEVADA	4	444,123	261,422	23,085	52,827	289,722	417,010	37,852	3,115	1,899	292	21,463
NEW HAMPSHIRE	17	1,547,396	159,768	39,852	142,928	9,380	83,571	117,950	4,757	3,914	1,698	33,533
NEW JERSEY	37	4,963,518	1,251,354	117,736	754,873	89,518	1,025,091	145,581	27,367	13,567	3,467	197,062
NEW MEXICO	10	1,955,167	1,227,711	25,410	639,520	4,538	1,187,391	69,873	3,400	700	319	31,177
NEW YORK	239	37,062,057	3,022,555	680,339	4,509,135	564,913	3,430,621	1,276,725	25,932	62,463	161,142	718,972
NORTH CAROLINA	52	9,329,860	4,557,330	174,264	1,587,274	362,088	3,249,064	276,955	1,292,642	15,894	2,191	197,018
NORTH DAKOTA	9	779,374	754,980	15,386	2,423	80,441	177,972	29,869	1,630	2,483	159	38,718
OHIO	84	14,930,527	4,500,873	209,824	1,426,406	828,286	1,776,246	1,069,245	93,268	49,711	19,607	272,696
OKLAHOMA	28	3,732,333	2,381,546	71,404	1,729,959	508,519	1,356,225	89,649	9,453	11,705	1,030	152,940
OREGON	31	4,080,794	1,374,996	80,103	586,131	12,223	55,431	96,401	8,526	7,295	37,557	318,289
PENNSYLVANIA	131	20,120,777	2,871,800	237,563	4,448,341	528,416	2,252,585	487,023	56,836	45,290	22,199	815,755
RHODE ISLAND	10	2,487,687	704,827	38,517	162,104	1,068,363	182,549	10,389	532	1,179	19	4,747
SOUTH CAROLINA	32	4,370,151	1,055,842	52,026	1,551,413	340,013	1,335,876	52,568	14,046	5,549	132,099	102,090
SOUTH DAKOTA	16	1,459,394	844,348	13,663	441,546	3,925	206,931	36,943	1,629	3,968	1,252	23,026
TENNESSEE	51	6,155,124	910,434	90,470	1,892,802	713,751	1,019,687	123,697	7,739	15,122	8,871	69,053
TEXAS	95	18,546,403	4,013,465	312,746	5,131,795	398,987	2,971,662	386,780	137,893	35,735	15,181	441,908
UTAH	6	2,857,860	174,848	27,050	1,325,338	13,017	316,028	98,386	12,370	7,935	580	3,663
VERMONT	17	1,892,897	1,089,657	20,703	388,297	12,130	523,173	51,825	2,652	4,201	1,110	35,251
VIRGINIA	47	7,299,624	3,883,883	119,567	611,410	111,759	489,472	238,928	8,188	25,423	91,974	327,720
WASHINGTON	26	2,608,923	1,141,619	95,715	211,361	45,849	1,910,699	109,451	11,335	11,278	158,924	157,011
WEST VIRGINIA	22	1,727,810	990,501	23,281	62,053	45,511	120,207	60,869	10,078	9,480	2,721	198,469
WISCONSIN	44	6,339,943	2,892,846	154,106	223,317	293,881	1,214,122	130,630	13,002	21,306	5,364	186,439
WYOMING	1	556,971	0	12,673	0	0	0	1,548	2,359	631	588	0

Table 7: Number of titles held at the end of the year by material collection category, State, and level and control of institution: 1988
C. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS OFFERING DOCTORAL PROGRAMS

	Total number of libraries	Books and bound serials	Government documents	Current serial subscriptions	Book titles represented by microforms	Serial titles represented by microforms	Government document titles represented by microforms	Audio materials	Films	Video materials	Machine readable materials	Other library materials
TOTAL 50 STATES & DC	466	164,131,296	48,231,261	4,203,680	29,069,145	7,321,549	25,209,645	5,271,073	2,011,816	302,768	333,700	8,619,407
ALABAMA	7	3,146,683	1,210,284	52,836	582,243	23,599	571,522	34,127	6,847	3,548	133	26,202
ALASKA	1	448,499	139,211	6,441	199,684	2,047	487,355	4,716	3,306	647	86	10,130
ARIZONA	3	555,531	734,980	65,921	128,998	13,116	1,127,428	16,158	7,567	1,241	177	0
ARKANSAS	2	533,090	108,865	17,539	2,889	476,230	177,094	7,119	0	2,164	25	0
CALIFORNIA	49	17,327,269	3,595,938	530,737	2,788,179	538,543	1,636,682	691,453	186,198	22,380	14,290	1,033,922
COLORADO	10	3,059,593	731,180	76,204	1,956,560	220,354	779,914	66,574	5,612	4,069	1,851	31,680
CONNECTICUT	7	5,247,000	500	79,899	20,000	4,292	1	211,208	248	5,307	972	326,105
DELAWARE	2	30,695	3,990	26,080	5,257	13,142	7,885	1,323	1,550	905	19	0
DISTRICT OF COLUMBIA	7	4,114,642	708	85,926	302,504	213,185	1	80,018	1,221	8,673	1,056	98,787
FLORIDA	14	3,669,905	1,865,999	85,993	1,019,589	491,229	1,643,823	85,969	27,671	12,731	13,377	89,092
GEORGIA	7	1,096,587	553,193	108,474	14,202	7,055	20	93,879	249	7,327	157	4,582
HAWAII	2	1,812,500	389	28,816	400	1,436	0	12,000	2,826	1,558	0	18,475
IDAHO	2	284,894	361,262	16,089	0	30,485	1,272,434	2,704	0	3	1	12
ILLINOIS	25	9,952,775	2,843,285	272,694	2,533,024	49,126	478,443	280,646	19,888	19,078	1,483	1,567,314
INDIANA	8	3,485,363	460,663	194,627	293,896	11,406	102,427	262,116	58,669	3,680	5,154	2,368,102
IOWA	6	3,393,806	1,028,879	51,128	790,806	13,245	192,975	33,831	19,406	10,841	86	3,128
KANSAS	3	1,307,990	2,026,327	44,597	16,902	288,098	292,527	155,694	6,323	138	10	90,885
KENTUCKY	7	2,764,622	1,153,664	54,503	131,562	45,139	194,269	55,921	30,971	5,877	2,591	62,483
LOUISIANA	10	3,503,159	2,740,289	62,792	1,111,582	15,208	2,132,704	90,908	6,159	10,751	107	221,182
MAINE	1	502,318	618,181	17,248	129,000	2,679	257,137	5,230	24	325	5	0
MARYLAND	9	2,924,817	1,085,251	49,676	27,325	3,147	66,170	125,116	1,463	8,933	3,223	2,444
MASSACHUSETTS	23	6,395,467	1,482,547	248,789	1,646,513	757,763	1,002,420	136,176	5,103	8,958	65,157	159,233
MICHIGAN	12	4,729,957	351,711	154,973	305,147	60,297	84,500	89,827	19,947	5,705	501	217,687
MINNESOTA	6	1,147,257	475,066	26,386	339,429	40,366	343,295	41,435	2,418	3,167	1,952	83,549
MISSISSIPPI	6	1,639,719	1,240,471	25,608	1,099,222	30,662	237,305	23,596	3,099	5,394	12,591	38,089
MISSOURI	14	4,902,783	1,462,989	70,808	555,261	16,263	961,806	94,834	3,081	11,758	4,014	12,455
MONTANA	2	0	848,087	9,184	22,533	85	527,186	11,776	1,586	1,161	30	127
NEBRASKA	3	1,325,390	50,498	29,407	1,480	1,565	500	9,355	2,076	1,773	10	524
NEVADA	2	397,899	259,029	22,576	49,815	288,780	404,945	35,904	2,978	1,771	98	16,190
NEW HAMPSHIRE	4	425,910	30,000	30,216	16,771	0	0	23,961	3,735	1,454	158	25,535
NEW JERSEY	10	1,199,647	583,763	84,643	105,921	45,243	411,644	64,732	23,505	3,753	1,120	91,373
NEW MEXICO	3	1,418,527	767,489	20,870	370,606	1,560	948,524	35,232	18	431	37	0
NEW YORK	50	16,919,025	838,574	371,241	1,335,869	227,622	791,029	666,002	5,210	18,870	12,271	140,845
NORTH CAROLINA	7	4,014,260	3,535,230	121,202	916,875	24,498	832,955	99,841	1,281,478	5,801	837	82,907
NORTH DAKOTA	2	215,845	699,251	11,626	1,151	64,110	42,214	10,130	44	1,024	10	2,505
OHIO	20	8,690,217	2,324,742	157,347	902,871	703,530	487,938	853,497	80,182	11,802	5,812	99,729
OKLAHOMA	6	1,854,949	1,547,975	52,759	554,392	310,435	1,093,384	41,980	2,922	3,684	376	105,340
OREGON	7	2,265,890	875,989	56,057	5,458	1,043	0	39,594	5,934	2,943	35,037	78,486
PENNSYLVANIA	23	9,341,022	851,204	140,601	1,145,881	59,878	470,405	149,388	31,073	19,703	3,312	659,863
RHODE ISLAND	2	1,750,000	554,499	30,943	160,000	1,065,580	119,881	273	117	409	1	0
SOUTH CAROLINA	7	2,038,875	658,467	26,375	1,466,404	322,267	1,085,082	14,244	3,215	2,192	128,732	80,797
SOUTH DAKOTA	4	701,544	608,161	7,591	386,383	1,121	161,694	10,572	859	492	344	8,518
TENNESSEE	12	3,417,453	640,084	66,584	1,848,649	545,265	936,724	40,281	4,320	9,096	853	6,283
TEXAS	30	10,902,315	2,155,233	231,192	1,798,027	263,702	1,768,447	204,533	120,384	21,167	9,176	362,779
UTAH	3	2,515,553	160,860	24,403	1,325,338	8,041	316,028	90,811	7,219	6,513	215	2,500
VERMONT	2	953,532	817,765	12,430	189,700	2,277	419,219	31,040	2,070	2,735	48	0
VIRGINIA	10	3,336,841	3,104,718	78,305	434,513	7,618	136,843	107,291	3,167	8,920	3,551	258,348
WASHINGTON	4	346,766	0	66,986	588	539	168,120	3,800	4,680	3,818	24	51,843
WEST VIRGINIA	2	0	0	8,301	0	0	0	1,412	1,952	5,499	68	2,425
WISCONSIN	7	1,565,944	43,821	75,384	29,746	8,678	36,746	21,298	887	1,768	1,974	76,952
WYOMING	1	556,971	0	12,673	0	0	0	1,548	2,359	631	588	0

Table 7: Number of titles held at the end of the year by material collection category, State, and level and control of institution: 1988
D. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH MASTER'S HIGHEST LEVEL OF OFFERING

	Total number of libraries	Books and bound serials	Government documents	Current serial subscrip-tions	Book titles represented by microforms	Serial titles represented by microforms	Government document titles represented by microforms	Audio materials	Films	Video materials	Machine readable materials	Other library materials
TOTAL 50 STATES & DC	802	103,126,037	27,258,951	1,260,778	21,451,695	4,930,529	22,678,521	2,835,173	189,404	234,119	461,235	2,046,316
ALABAMA	18	2,060,904	629,528	20,598	280,351	27,516	653,741	46,084	11,990	3,837	2,728	65,889
ALASKA	2	437,514	152,515	5,059	250,975	402	11,250	8,333	883	2,278	0	117
ARIZONA	5	404,158	123,339	5,048	48,466	12,039	124,874	13,713	551	1,449	5,396	12,199
ARKANSAS	9	1,357,095	789,742	16,629	662,093	520,726	66,172	18,650	4,064	2,924	102	9,051
CALIFORNIA	72	8,743,515	537,461	109,494	240,992	434,300	635,422	106,456	6,210	10,592	14,459	122,022
COLORADO	9	1,112,542	675,131	7,816	46,382	10,517	295,863	27,925	1,713	2,539	3,710	21,869
CONNECTICUT	13	1,608,194	133,687	17,799	102,298	18,328	84,595	47,145	855	8,341	213	8,265
DELAWARE	2	143,256	45,000	1,081	22,000	103	59,403	4,051	7	57	17	33
DISTRICT OF COLUMBIA	6	200,917	249,350	5,756	462	533	2,575,005	13,426	3,571	2,956	70	943
FLORIDA	16	2,532,009	466,781	34,292	169,735	29,535	347,137	44,973	4,813	3,823	102,628	116,971
GEORGIA	22	3,375,265	1,201,267	81,772	1,432,853	398,578	1,030,830	61,740	4,629	5,558	43,740	56,490
HAWAII	2	78,435	0	1,129	0	344	1	1,042	236	258	5	6,200
IDAHO	3	468,817	86,315	5,759	13,937	1,585	11,652	15,810	3,366	107	210	18,422
ILLINOIS	38	4,906,376	951,709	49,351	515,772	86,013	306,958	136,552	10,480	10,245	4,812	87,609
INDIANA	21	2,256,130	148,789	21,067	59,417	122,964	128,932	59,279	1,155	4,450	268	48,313
IOWA	8	770,095	0	4,847	4,541	912	49,742	17,134	364	770	834	15,403
KANSAS	9	1,346,246	1,072,396	10,519	622,621	26,553	400,949	11,754	2,681	1,633	1,025	11,389
KENTUCKY	10	2,478,893	350,898	21,490	1,036,914	57,673	1,155,575	59,694	1,700	3,166	1,370	52,239
LOUISIANA	11	1,439,190	1,242,018	15,270	30,756	2,205	407,073	19,296	10,560	2,191	6,116	26,845
MAINE	6	487,069	74,269	6,585	98,838	2,701	73,913	7,391	357	1,177	604	6,615
MARYLAND	19	1,866,972	736,297	19,960	115,837	2,289	0	40,014	2,347	5,173	773	34,817
MASSACHUSETTS	34	3,591,573	437,887	49,398	1,205,716	328,802	187,210	106,851	8,928	12,443	5,007	42,043
MICHIGAN	21	2,364,302	413,669	28,100	29,066	49,302	237,971	70,394	5,432	9,067	1,333	87,018
MINNESOTA	14	2,525,479	817,689	29,441	626,833	405,932	372,328	219,670	7,697	17,729	4,561	28,064
MISSISSIPPI	9	1,072,315	239,275	8,219	163,691	73,859	245,051	29,556	1,274	2,497	826	11,749
MISSOURI	22	2,624,464	1,135,065	25,061	114,791	12,344	338,481	61,554	1,768	1,609	1,534	44,689
MONTANA	5	326,975	325,054	3,993	502,413	371,004	193,245	10,873	429	128	29	297
NEBRASKA	6	1,053,281	621 445	9,475	137,215	1,801	292,396	18,766	263	3,712	296	26,415
NEVADA	1	11,000	10	115	0	0	7	572	0	28	0	0
NEW HAMPSHIRE	6	625,478	28,715	4,526	65,214	2,008	32,857	80,252	111	1,250	103	405
NEW JERSEY	15	2,804,528	205,883	24,825	598,916	35,179	560,024	46,549	1,664	4,761	1,769	67,461
NEW MEXICO	5	501,416	457,839	3,961	265,902	800	226,809	33,265	3,221	175	88	25,904
NEW YORK	95	13,747,021	1,927,371	220,726	2,762,015	228,852	1,875,983	417,728	9,677	25,243	45,672	328,782
NORTH CAROLINA	18	3,232,496	855,499	33,835	558,714	316,565	1,914,160	102,405	7,836	7,052	897	78,514
NORTH DAKOTA	2	228,475	0	1,372	150	62	135,200	6,644	1,234	849	16	5,706
OHIO	24	2,746,669	356,622	22,369	482,128	28,879	1,101,611	75,600	996	13,445	11,269	121,383
OKLAHOMA	9	1,111,098	803,629	12,223	791,935	162,578	233,328	27,673	5,292	2,059	456	30,475
OREGON	15	1,519,877	487,871	20,390	536,674	10,497	55,431	42,075	1,763	3,055	754	26,672
PENNSYLVANIA	59	6,268,417	725,392	61,372	2,880,520	434,689	1,526,223	193,805	18,001	12,502	6,894	94,008
RHODE ISLAND	6	643,555	150,328	6,460	855	2,536	62,668	6,449	327	308	1	4,373
SOUTH CAROLINA	10	1,321,485	381,852	17,035	62,033	12,931	236,273	23,810	2,260	1,972	2,472	5,476
SOUTH DAKOTA	5	505,202	231,421	3,716	49,126	501	21,116	16,909	446	1,978	514	1,369
TENNESSEE	13	1,115,606	233,646	11,320	11,045	155,559	58,443	39,799	2,331	3,364	2,182	46,569
TEXAS	38	6,205,106	1,775,623	63,940	3,278,321	124,135	1,161,700	132,791	12,899	11,638	3,220	31,913
UTAH	3	342,307	13,988	2,647	0	4,976	0	7,575	5,151	1,422	365	1,163
VERMONT	10	764,668	267,126	6,747	152,573	7,872	79,837	15,720	293	1,136	602	17,225
VIRGINIA	15	2,066,659	411,923	27,410	113,828	96,296	292,879	96,529	1,625	6,428	22,795	50,876
WASHINGTON	14	1,773,233	945,405	24,311	105,867	36,168	1,653,711	85,427	5,321	6,222	155,672	80,460
WEST VIRGINIA	7	530,421	811,151	6,355	16,679	6,214	16,742	27,065	626	963	660	15,957
WISCONSIN	20	3,429,339	2,531,081	70,115	184,235	264,372	1,147,750	78,405	10,007	7,560	2,168	49,649
WYOMING	0	0	0	0	0	0	0	0	0	0	0	0

Table 7: Number of titles held at the end of the year by material collection category, State, and level and control of institution: 1988
E. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH BACCALAUREATE HIGHEST LEVEL OF OFFERING

	Total number of libraries	Books and bound serials	Government documents	Current serial subscriptions	Book titles represented by microforms	Serial titles represented by microforms	Government document titles represented by microforms	Audio materials	Films	Video materials	Machine readable materials	Other library materials
TOTAL 50 STATES & DC	813	55,184,444	8,517,386	510,994	3,156,345	1,443,957	4,291,623	1,636,624	138,577	170,081	235,590	1,838,628
ALABAMA	10	498,206	5,083	3,385	4,265	1,478	12,082	12,288	1,232	1,268	632	7,811
ALASKA	3	91,727	4,766	2,752	6,044	1,884	24,116	4,463	281	219	388	10,577
ARIZONA	7	217,692	51,301	2,153	26,296	4,239	46,353	7,351	621	931	1,514	10,169
ARKANSAS	9	442,844	178,113	5,625	93,987	2,410	0	8,775	1,456	766	189	11,069
CALIFORNIA	45	1,450,064	141,107	19,075	116,112	23,605	272,406	53,128	3,830	5,306	6,213	105,331
COLORADO	10	642,097	184,942	8,076	30,316	4,609	48,232	17,166	1,566	1,286	811	30,425
CONNECTICUT	9	321,976	86,521	3,853	19,369	4,541	73,339	6,071	986	1,686	303	9,103
DELAWARE	3	107,813	1,824	934	23	301	0	1,211	235	469	4	2,717
DISTRICT OF COLUMBIA	3	53,760	10	612	1	218	0	1,969	72	144	1	0
FLORIDA	23	1,158,296	107,151	9,077	65,412	12,260	91,118	27,805	2,674	2,520	3,502	43,753
GEORGIA	15	921,116	62,317	6,787	47,935	7,891	26,536	30,534	6,221	2,384	1,842	47,143
HAWAII	4	275,661	161,281	3,009	16,357	541,418	28,930	5,646	1,783	2,241	112	3,294
IDAHO	2	108,685	0	841	20,924	322	0	1,928	78	68	4	0
ILLINOIS	32	2,143,399	302,656	15,494	92,117	25,043	114,285	45,960	2,126	3,073	1,811	47,663
INDIANA	21	1,617,986	333,165	13,519	60,571	6,091	114,275	37,854	7,618	2,006	1,599	22,143
IOWA	23	1,981,206	37,882	13,988	9,202	18,172	28,797	60,723	1,547	3,640	853	29,036
KANSAS	20	1,293,600	59,639	9,577	35,097	9,971	93,893	33,914	3,406	2,398	1,163	68,647
KENTUCKY	14	1,028,423	31,880	7,854	12,680	137,147	121,977	39,607	1,927	1,487	1,458	2,329
LOUISIANA	3	310,870	78,112	1,298	802	5,048	40,010	2,586	39	178	14	750
MAINE	14	1,585,673	132,235	12,519	113,975	4,690	242,483	32,774	192	3,232	19	13,192
MARYLAND	7	441,080	90,000	3,729	20,423	479	0	5,299	65	357	426	0
MASSACHUSETTS	26	1,767,346	303,919	23,685	24,180	22,855	101,595	98,652	1,921	4,848	1,671	31,260
MICHIGAN	33	2,207,588	324,449	17,755	36,710	39,965	211,688	44,731	5,320	4,953	3,336	79,581
MINNESOTA	24	2,460,557	347,902	16,159	184,877	15,070	283,790	64,174	15,173	3,063	1,464	84,922
MISSISSIPPI	7	374,566	2,383	2,162	10,589	6,473	12,058	10,438	601	330	265	7,237
MISSOURI	29	1,727,235	12,177	21,769	183,004	103,848	12,911	59,535	5,179	9,690	457	44,484
MONTANA	2	147,704	3,150	292	4,115	25	8,520	4,860	568	149	9	0
NEBRASKA	14	881,602	66,045	5,607	1,397	2,130	5,190	22,456	2,500	2,541	397	16,550
NEVADA	1	35,224	2,383	394	3,012	942	12,058	1,376	137	100	194	5,273
NEW HAMPSHIRE	7	496,008	101,053	5,110	60,943	7,372	50,714	13,737	911	1,210	1,437	7,593
NEW JERSEY	12	959,343	461,708	8,268	50,036	9,096	53,423	34,300	2,198	5,053	578	38,228
NEW MEXICO	2	35,224	2,383	579	3,012	2,178	12,058	1,376	161	100	194	5,273
NEW YORK	94	6,396,011	256,610	88,372	411,251	108,439	763,609	192,995	11,045	18,350	103,199	249,345
NORTH CAROLINA	27	2,083,104	166,601	19,227	111,685	21,025	501,949	74,709	3,328	3,041	457	35,597
NORTH DAKOTA	5	335,054	55,729	2,388	1,122	16,269	558	13,095	352	610	133	30,507
OHIO	40	3,493,641	1,819,509	30,108	41,407	95,877	186,697	140,148	12,090	24,464	2,526	51,584
OKLAHOMA	13	766,286	29,942	6,422	383,632	35,506	29,513	19,996	1,239	5,962	198	17,125
OREGON	9	295,027	11,136	3,656	43,999	683	0	14,732	829	1,297	1,766	213,131
PENNSYLVANIA	49	4,511,338	1,295,204	35,590	421,940	33,849	255,957	143,830	7,762	13,085	11,993	61,884
RHODE ISLAND	2	94,132	0	1,114	1,249	247	0	3,667	88	462	17	374
SOUTH CAROLINA	15	1,009,791	15,523	8,616	22,976	4,815	14,521	14,514	8,571	1,385	895	15,817
SOUTH DAKOTA	7	252,648	4,766	2,356	6,037	2,303	24,121	9,462	324	1,498	394	13,139
TENNESSEE	26	1,622,065	36,704	12,566	33,108	12,927	24,520	43,617	1,088	2,662	5,836	16,201
TEXAS	27	1,438,982	82,609	17,614	55,447	11,150	41,515	49,456	4,610	2,930	2,785	47,216
UTAH	0	0	0	0	0	0	0	0	0	0	0	0
VERMONT	5	174,697	4,766	1,526	46,024	1,981	24,117	5,065	289	330	460	18,026
VIRGINIA	22	1,896,124	367,242	13,852	63,069	7,845	59,750	35,108	3,396	10,075	65,628	18,496
WASHINGTON	8	488,924	196,214	4,418	104,906	9,142	88,868	20,224	1,334	1,238	3,228	24,708
WEST VIRGINIA	13	1,197,389	179,350	8,625	45,374	39,297	103,465	32,392	7,500	3,018	1,993	180,087
WISCONSIN	17	1,344,660	317,944	8,607	9,336	20,831	29,626	30,927	2,108	11,978	1,222	59,838
WYOMING	0	0	0	0	0	0	0	0	0	0	0	0

Table 7: Number of titles held at the end of the year by material collection category, State, and level and control of institution: 1988
F. LIBRARIES IN LESS THAN 4-YEAR HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Books and bound serials	Government documents	Current serial subscriptions	Book titles represented by microforms	Serial titles represented by microforms	Government document titles represented by microforms	Audio materials	Films	Video materials	Machine readable materials	Other library materials
TOTAL 50 STATES & DC	1,357	43,010,623	3,006,734	440,392	1,496,516	1,483,230	3,342,653	2,063,981	332,319	516,319	211,320	1,298,427
ALABAMA	48	1,286,214	191,822	12,402	54,338	29,272	178,229	59,296	16,656	12,476	7,154	32,891
ALASKA	7	95,061	5,020	1,141	419	187	2,768	3,094	65	1,021	460	13
ARIZONA	19	784,530	51,841	7,593	29,097	8,880	99,208	35,366	4,227	6,968	3,991	8,538
ARKANSAS	16	251,659	1,520	3,159	13,089	2,225	705	9,802	2,001	2,852	156	3,419
CALIFORNIA	129	5,971,813	357,011	51,883	109,494	204,228	321,735	246,722	38,913	68,117	11,728	205,251
COLORADO	24	512,273	75,226	5,430	24,552	4,190	106,165	23,342	3,199	12,954	904	33,461
CONNECTICUT	20	514,636	5,109	4,969	7,190	1,551	386	15,772	1,856	2,121	40,753	14,658
DELAWARE	3	78,615	92,716	1,222	135	3,235	0	4,315	294	559	6	247
DISTRICT OF COLUMBIA	0	0	0	0	0	0	0	0	0	0	0	0
FLORIDA	42	2,214,000	197,792	20,502	29,976	20,908	206,057	106,976	26,993	39,652	7,234	169,022
GEORGIA	42	1,403,675	156,891	12,459	63,029	35,686	141,858	62,079	10,449	9,976	3,895	20,746
HAWAII	6	224,931	2,395	1,895	261	916	0	7,964	1,591	885	29	11,545
IDAHO	4	194,464	235,055	2,060	7,928	723	135,117	12,065	2,362	3,213	42	441
ILLINOIS	62	2,051,215	83,036	24,608	77,202	29,973	109,664	138,919	1[illegible],309	32,467	3,910	108,173
INDIANA	22	253,787	42,442	3,262	7,976	2,849	63,809	14,341	2,189	3,285	841	8,572
IOWA	21	524,130	55,656	6,329	10,284	35,609	71,800	32,414	2,282	7,026	1,118	18,995
KANSAS	24	675,042	6,710	6,297	259,628	4,801	4,600	26,096	3,754	4,780	3,500	8,669
KENTUCKY	15	530,310	56,919	5,550	11,912	5,095	85,540	40,216	5,100	3,507	1,254	35,456
LOUISIANA	10	301,001	113,401	3,052	2,746	899	46,485	6,573	1,371	1,632	104	4,782
MAINE	9	65,115	1,368	1,721	4	395	0	397	11	182	43	10,560
MARYLAND	22	897,162	38,254	8,489	9,558	6,666	8,392	62,796	7,275	8,923	2,156	3,230
MASSACHUSETTS	34	962,924	24,323	9,849	19,480	4,905	30,595	57,928	5,480	9,262	993	29,132
MICHIGAN	35	1,080,658	141,726	12,660	9,556	14,493	77,611	64,043	9,111	11,572	1,260	23,647
MINNESOTA	31	721,430	56,764	7,099	20,211	9,890	139,797	28,718	4,102	5,748	3,987	17,529
MISSISSIPPI	22	685,535	5,056	6,508	16,223	10,594	30	32,354	4,411	9,309	1,144	9,027
MISSOURI	22	640,334	25,792	5,776	3,502	2,828	23,231	33,141	2,597	3,930	1,173	11,828
MONTANA	9	112,330	4,385	1,434	2,918	2,619	4,199	3,772	389	2,283	542	1,867
NEBRASKA	12	208,541	4,727	3,210	3,028	3,320	4,907	10,486	1,388	3,204	776	9,447
NEVADA	4	98,184	175	1,413	1	398	0	5,502	0	1,769	52	1,679
NEW HAMPSHIRE	12	95,248	17,559	1,744	2,445	535	21,039	2,680	337	669	186	797
NEW JERSEY	23	1,108,694	41,098	8,572	127,222	18,749	18,378	81,477	9,081	7,923	4,587	52,915
NEW MEXICO	16	421,465	5,744	3,686	181,755	1,922	1	14,046	1,827	4,748	6,364	10,091
NEW YORK	86	3,232,747	39,120	37,860	34,829	17,586	26,763	120,836	13,192	24,193	21,586	44,095
NORTH CAROLINA	73	2,014,325	18,119	17,643	15,280	42,135	27,847	111,046	31,259	25,665	4,953	60,674
NORTH DAKOTA	10	214,215	5,803	3,349	3,833	4,884	5,653	5,445	1,164	1,264	1,199	16,130
OHIO	64	1,717,648	164,413	17,034	47,895	510,085	206,132	60,342	13,111	12,192	8,013	39,052
OKLAHOMA	18	555,156	4,298	5,161	3,039	59,048	7,477	23,377	3,483	11,215	1,086	15,455
OREGON	15	537,133	7,594	6,256	644	4,571	802	26,023	2,352	8,681	139	1,964
PENNSYLVANIA	79	1,943,321	234,458	20,371	66,764	15,847	653,550	97,833	12,810	32,712	42,917	60,484
RHODE ISLAND	1	71,883	675	978	0	772	0	4,559	449	619	0	0
SOUTH CAROLINA	31	746,468	10,260	7,791	6,894	10,495	12,527	23,423	6,060	5,382	2,385	14,716
SOUTH DAKOTA	3	53,777	130	502	306	400	346	2,775	167	372	42	886
TENNESSEE	32	806,136	79,091	8,561	35,003	19,119	70,375	29,816	5,488	17,132	2,218	7,043
TEXAS	73	2,580,660	154,690	31,105	103,461	279,311	66,581	135,049	27,331	40,285	6,440	51,439
UTAH	8	196,461	14,200	1,638	2,448	620	21,165	4,728	1,019	1,720	123	1,865
VERMONT	5	96,678	60	941	0	363	0	1,297	21	180	6	157
VIRGINIA	31	999,547	57,937	8,673	38,822	7,057	212,121	46,344	6,670	8,950	793	77,735
WASHINGTON	29	923,934	41,188	10,351	10,787	21,221	38,578	44,311	8,287	9,222	2,580	9,148
WEST VIRGINIA	7	190,251	14,091	1,492	2,744	11,749	21,385	10,357	710	1,570	434	1,719
WISCONSIN	19	904,731	47,680	12,210	15,244	8,591	48,003	69,417	9,938	29,476	5,318	21,404
WYOMING	8	260,576	15,394	2,502	3,364	835	21,042	4,311	588	2,476	746	7,833

Table 7: Number of titles held at the end of the year by material collection category, State, and level and control of institution: 1988
G. LIBRARIES IN PUBLIC HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Books and bound serials	Government documents	Current serial subscriptions	Book titles represented by microforms	Serial titles represented by microforms	Government document titles represented by microforms	Audio materials	Films	Video materials	Machine readable materials	Other library materials
TOTAL 50 STATES & DC	1,539	198,199,953	61,271,583	3,720,828	38,754,325	8,307,947	36,579,492	6,420,916	865,590	818,405	435,660	9,158,418
ALABAMA	56	5,773,167	1,819,079	76,238	894,056	73,846	1,257,566	121,415	32,344	17,606	7,913	111,857
ALASKA	10	981,074	296,746	12,641	451,078	2,636	501,373	16,143	4,254	3,946	546	10,260
ARIZONA	19	1,309,716	772,730	73,169	155,351	21,266	1,205,251	49,850	11,558	7,963	4,025	7,526
ARKANSAS	20	2,019,718	856,503	36,703	690,689	999,618	224,651	28,481	5,481	7,676	97	6,249
CALIFORNIA	137	20,794,930	1,613,935	466,431	1,837,330	608,868	360,557	550,174	43,773	75,848	11,628	928,220
COLORADO	27	4,082,406	1,406,995	81,845	1,038,882	20,403	400,986	104,476	10,152	16,754	633	61,238
CONNECTICUT	25	739,932	207,655	30,171	32,377	23,811	144,763	27,326	3,199	12,087	41,158	20,890
DELAWARE	5	150,050	137,716	24,550	22,135	3,235	59,400	9,545	1,850	1,170	20	280
DISTRICT OF COLUMBIA	2	75,500	249,323	3,693	0	30	2,575,000	10,751	3,540	2,701	0	900
FLORIDA	38	5,952,046	1,622,714	98,815	992,259	475,239	1,605,944	149,807	33,196	50,780	15,940	251,823
GEORGIA	46	4,468,332	1,457,543	119,599	1,130,583	383,385	985,977	183,507	15,039	19,768	46,505	70,230
HAWAII	9	2,170,592	54,065	32,204	16,618	5,770	28,930	22,928	5,162	3,190	141	33,314
IDAHO	6	699,562	364,762	22,151	21,159	32,090	1,272,434	21,790	5,082	1,264	5	16,939
ILLINOIS	59	10,555,900	3,426,438	203,341	2,179,631	52,294	577,899	409,530	40,499	45,482	4,234	1,662,700
INDIANA	27	3,643,533	402,274	92,607	324,541	108,734	229,516	276,006	67,893	6,872	5,808	2,378,050
IOWA	19	3,332,090	955,702	52,422	402,922	47,407	201,655	58,661	21,441	11,812	899	17,433
KANSAS	30	3,027,180	3,105,303	61,142	898,218	317,971	657,762	188,552	12,702	6,790	4,470	107,173
KENTUCKY	9	4,236,106	1,305,480	61,214	1,037,107	58,369	1,150,768	111,214	13,688	8,175	1,885	110,379
LOUISIANA	20	3,847,916	3,253,826	58,807	1,008,109	15,994	2,541,103	60,555	11,663	12,788	43	112,804
MAINE	13	1,131,202	659,419	24,965	244,926	4,795	314,308	16,561	331	1,631	69	16,305
MARYLAND	34	3,726,509	1,520,302	51,410	145,602	8,483	37,816	176,675	10,449	19,666	4,085	38,047
MASSACHUSETTS	31	3,424,316	520,574	46,477	903,715	323,570	814,590	95,997	13,595	17,680	1,335	61,178
MICHIGAN	49	6,530,110	956,864	176,453	60,329	68,972	379,526	173,891	36,548	20,623	2,475	152,168
MINNESOTA	33	3,257,742	1,153,882	45,162	861,508	87,627	773,238	100,240	13,757	22,594	8,150	125,885
MISSISSIPPI	26	2,827,385	1,474,797	36,687	1,239,292	110,823	454,213	62,670	8,002	14,516	14,534	51,919
MISSOURI	25	5,151,713	1,885,262	58,395	560,273	100,411	1,013,748	97,073	3,722	7,371	1,031	40,329
MONTANA	12	356,191	1,177,309	13,648	513,941	373,565	724,627	22,609	2,388	2,474	583	1,994
NEBRASKA	20	2,159,723	639,494	36,580	140,196	5,770	297,968	26,877	4,182	7,642	1,072	11,139
NEVADA	6	496,083	259,204	23,989	49,816	289,178	404,945	41,406	2,978	3,540	150	17,869
NEW HAMPSHIRE	12	938,799	54,879	12,642	79,211	4,008	28,931	75,318	4,361	1,718	203	3,379
NEW JERSEY	33	3,183,637	633,758	54,944	552,963	45,704	575,593	118,241	12,870	18,064	6,198	75,500
NEW MEXICO	22	2,245,959	1,231,072	28,019	817,869	4,282	1,175,334	66,656	5,040	5,340	6,402	35,995
NEW YORK	90	13,861,194	1,107,246	229,677	2,152,186	143,827	977,496	454,709	20,893	35,376	22,929	246,317
NORTH CAROLINA	74	7,434,606	2,933,875	121,810	1,233,326	82,770	857,773	283,643	39,627	34,102	5,629	219,711
NORTH DAKOTA	15	881,281	758,927	17,389	5,748	69,242	183,625	23,925	2,701	3,215	1,292	31,034
OHIO	58	9,393,053	2,069,847	147,502	1,197,515	1,162,758	1,097,574	869,815	67,146	18,291	8,604	98,124
OKLAHOMA	28	3,532,177	2,211,715	62,096	1,343,756	517,210	1,330,431	72,522	11,617	19,989	1,705	127,034
OREGON	21	3,060,521	942,030	65,786	406,987	7,370	4,044	67,513	9,421	13,011	1,633	104,619
PENNSYLVANIA	61	8,591,328	930,319	102,434	3,773,028	325,587	1,516,289	267,222	27,574	43,191	41,852	692,577
RHODE ISLAND	3	881,654	604,262	18,923	160,000	4,407	122,510	7,842	566	1,028	1	0
SOUTH CAROLINA	33	3,397,172	844,255	44,052	1,473,489	333,838	1,223,160	27,140	16,209	7,019	127,504	91,711
SOUTH DAKOTA	7	947,671	708,200	10,076	435,085	1,427	182,806	13,528	373	2,302	754	8,502
TENNESSEE	24	3,306,433	613,659	54,062	1,302,046	7,294	370,016	45,980	9,165	23,181	4,086	43,182
TEXAS	103	13,698,447	3,236,845	250,550	4,364,123	609,739	2,191,601	260,711	131,017	65,439	14,118	371,558
UTAH	9	1,144,065	175,078	9,938	530,010	5,409	316,154	56,870	8,994	8,697	522	4,898
VERMONT	6	912,356	1,034,329	12,451	311,723	2,604	448,404	16,136	1,779	3,292	46	2,508
VIRGINIA	39	5,610,593	3,337,392	96,864	450,579	14,723	358,228	187,854	7,569	19,474	713	337,777
WASHINGTON	33	1,698,563	817,875	87,659	88,349	21,127	1,182,071	108,072	17,230	15,843	2,523	99,092
WEST VIRGINIA	16	1,201,255	897,511	19,423	46,049	47,068	69,858	52,050	9,187	9,313	874	33,943
WISCONSIN	31	4,556,036	2,571,177	138,000	176,714	272,888	1,171,077	125,351	20,906	37,124	7,405	98,666
WYOMING	8	802,429	1,433	15,022	926	505	3	5,108	2,877	2,987	1,233	7,203

Table 7: Number of titles held at the end of the year by material collection category, State, and level and control of institution: 1988
H. LIBRARIES IN PRIVATE HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Books and bound serials	Government documents	Current serial subscriptions	Book titles represented by microforms	Serial titles represented by microforms	Government document titles represented by microforms	Audio materials	Films	Video materials	Machine readable materials	Other library materials
TOTAL 50 STATES & DC	1,899	167,252,447	25,742,749	2,695,016	16,419,376	6,871,318	18,942,950	5,385,935	1,806,526	404,882	806,185	4,644,360
ALABAMA	27	1,218,840	217,638	12,983	27,141	8,019	158,008	30,380	4,381	3,523	2,734	20,936
ALASKA	3	91,727	4,766	2,752	6,044	1,884	24,116	4,463	281	219	388	10,577
ARIZONA	15	652,195	188,731	7,546	77,506	17,008	192,612	22,738	1,408	2,626	7,053	23,380
ARKANSAS	16	564,970	221,737	6,249	81,369	1,973	19,320	15,865	2,040	1,030	375	17,290
CALIFORNIA	158	12,697,731	3,017,582	244,758	1,417,447	591,808	2,505,688	547,585	191,378	30,547	35,062	538,306
COLORADO	26	1,244,099	259,484	15,681	1,018,928	219,267	829,188	30,531	1,938	4,094	6,643	56,197
CONNECTICUT	24	6,951,874	18,162	76,349	116,480	4,901	13,558	252,870	746	5,368	1,083	337,241
DELAWARE	5	210,329	5,814	4,767	5,280	13,546	7,888	1,355	236	820	26	2,717
DISTRICT OF COLUMBIA	14	4,293,819	745	88,601	302,967	213,906	6	84,662	1,324	9,072	1,127	98,830
FLORIDA	57	3,622,164	1,015,009	51,049	292,453	78,693	682,191	115,916	28,955	8,146	110,801	167,015
GEORGIA	40	2,328,311	516,122	89,893	427,436	65,825	213,267	64,725	6,509	5,477	3,129	58,741
HAWAII	5	220,935	110,000	2,645	400	538,344	1	3,724	1,374	1,752	5	6,200
IDAHO	5	357,298	317,870	2,598	21,630	1,025	146,769	10,717	724	2,127	252	1,936
ILLINOIS	98	8,497,865	754,248	158,806	1,038,484	137,861	431,451	192,547	10,804	19,381	7,782	148,059
INDIANA	45	3,969,733	582,785	139,868	97,319	34,576	179,927	97,584	1,738	6,549	2,054	69,080
IOWA	39	3,337,147	166,715	23,870	411,911	20,531	141,659	85,441	2,158	10,465	1,992	49,129
KANSAS	26	1,595,698	59,769	9,848	36,030	11,452	134,207	38,906	3,462	2,159	1,228	72,417
KENTUCKY	37	2,566,142	287,881	28,183	155,961	186,685	406,593	84,224	26,010	5,862	4,788	42,128
LOUISIANA	14	1,706,304	919,994	23,605	137,777	7,366	85,169	58,808	6,466	1,964	6,298	140,755
MAINE	17	1,508,973	166,634	13,108	96,891	5,670	259,225	29,231	253	3,285	602	14,062
MARYLAND	23	2,403,522	429,500	30,444	27,541	4,098	36,746	56,550	701	3,720	2,493	2,444
MASSACHUSETTS	86	9,292,994	1,728,102	285,244	1,992,174	790,755	507,230	303,610	7,837	17,831	71,493	200,490
MICHIGAN	52	3,852,395	274,691	37,035	320,150	95,085	232,244	95,104	3,262	10,674	3,955	255,765
MINNESOTA	42	3,596,981	543,539	33,923	309,842	383,631	365,972	253,757	15,633	7,113	3,814	88,179
MISSISSIPPI	18	944,750	12,388	5,810	50,433	10,765	40,231	33,274	1,383	3,014	292	14,183
MISSOURI	62	4,743,103	750,761	65,019	296,285	34,872	322,681	151,991	8,903	19,616	6,147	73,127
MONTANA	6	230,818	3,367	1,255	18,038	168	8,523	8,672	584	1,247	27	297
NEBRASKA	15	1,309,091	103,221	11,119	2,924	3,046	5,025	34,186	2,045	3,588	407	41,797
NEVADA	2	46,224	2,393	509	3,012	942	12,065	1,948	137	128	194	5,273
NEW HAMPSHIRE	17	703,845	122,448	28,954	66,162	5,907	75,679	45,312	733	2,865	1,681	30,951
NEW JERSEY	27	2,888,575	658,694	71,364	329,132	62,563	467,876	108,817	23,578	3,426	1,856	174,477
NEW MEXICO	4	130,673	2,383	1,077	3,406	2,178	12,058	17,263	187	114	281	5,273
NEW YORK	235	26,433,610	1,954,429	488,522	2,391,778	438,672	2,479,888	942,852	18,231	51,280	159,799	516,750
NORTH CAROLINA	51	3,909,579	1,641,574	70,097	369,228	321,453	2,419,138	104,358	1,284,274	7,457	1,515	37,981
NORTH DAKOTA	4	112,308	1,856	1,346	508	16,083	0	11,389	93	532	66	23,814
OHIO	90	7,255,122	2,595,439	79,356	276,786	175,613	884,804	259,772	39,233	43,612	19,016	213,624
OKLAHOMA	18	755,312	174,129	14,469	389,242	50,357	33,271	40,504	1,319	2,931	411	41,361
OREGON	25	1,557,406	440,560	20,573	179,788	9,424	52,189	54,911	1,457	2,965	36,063	215,634
PENNSYLVANIA	149	13,472,770	2,175,939	155,500	742,077	218,676	1,389,846	317,634	42,072	34,811	23,264	183,662
RHODE ISLAND	8	1,677,916	101,240	20,572	2,104	1,064,728	60,039	7,106	415	770	18	4,747
SOUTH CAROLINA	30	1,719,447	221,847	15,765	84,818	16,670	125,243	48,851	3,897	3,912	6,980	25,095
SOUTH DAKOTA	12	565,500	136,278	4,089	6,767	2,898	24,471	26,190	1,423	2,038	540	15,410
TENNESSEE	59	3,654,827	375,866	44,969	625,759	725,576	720,046	107,533	4,062	9,073	7,003	32,914
TEXAS	65	7,428,616	931,310	93,301	871,133	68,559	846,642	261,118	34,207	10,581	7,503	121,789
UTAH	5	1,910,256	13,970	18,750	797,776	8,228	21,039	46,244	4,395	958	181	630
VERMONT	16	1,077,219	55,388	9,193	76,574	9,889	74,769	36,986	894	1,089	1,070	32,900
VIRGINIA	39	2,688,578	604,428	31,376	199,653	104,093	343,365	97,418	7,289	14,899	92,054	67,678
WASHINGTON	22	1,834,294	364,932	18,407	133,799	45,943	767,206	45,690	2,392	4,657	158,981	67,067
WEST VIRGINIA	13	716,806	107,081	5,350	18,748	10,192	71,734	19,176	1,601	1,737	2,281	166,245
WISCONSIN	32	2,688,638	369,349	28,316	61,847	29,584	91,048	74,696	2,034	13,658	3,277	109,177
WYOMING	1	15,118	13,961	153	2,438	330	21,039	751	70	120	101	630

Table 8: Number of titles added during the year by material collection category, State, and level and control of institution: 1988

A. ALL HIGHER EDUCATION INSTITUTIONAL LIBRARIES *

	Total number of libraries	Books and bound serials	Government documents	Current serial subscriptions	Book titles represented by microforms	Serial titles represented by microforms	Government document titles represented by microforms	Audio materials	Films	Video materials	Machine readable materials	Other library materials
TOTAL 50 STATES & DC	3,438	11,049,226	4,223,917	403,264	2,504,075	954,541	3,153,613	525,740	40,789	200,667	228,341	446,705
ALABAMA	83	190,099	78,123	4,167	42,094	9,354	83,931	7,069	1,361	4,130	2,008	5,437
ALASKA	13	44,283	14,219	882	16,576	280	34,455	2,964	189	2,385	120	504
ARIZONA	34	79,159	37,818	2,577	9,925	4,642	58,621	2,833	451	1,916	2,734	1,967
ARKANSAS	36	119,578	47,190	1,086	32,005	31,876	31,347	1,359	98	1,193	420	958
CALIFORNIA	295	1,106,959	234,280	29,331	294,944	77,203	222,677	75,410	4,148	16,897	10,864	43,892
COLORADO	53	157,123	139,336	8,073	93,734	6,212	61,825	6,297	873	1,968	1,904	3,283
CONNECTICUT	49	165,049	18,578	4,480	6,176	2,094	11,560	8,198	130	2,752	1,507	6,271
DELAWARE	10	13,141	6,125	1,441	390	3,120	1,954	84	0	170	23	385
DISTRICT OF COLUMBIA	16	115,398	49,320	30,797	14,821	7,167	7,650	3,030	76	1,128	344	628
FLORIDA	95	354,734	109,011	15,543	90,109	47,124	156,193	16,462	1,390	9,138	5,766	10,456
GEORGIA	86	256,500	85,236	10,779	87,076	27,685	77,577	8,722	624	4,541	30,859	8,026
HAWAII	14	23,215	7,479	1,019	1,614	30,450	1,575	541	89	1,372	35	2,103
IDAHO	11	30,333	16,232	861	43	1,132	36,490	1,027	81	552	12	439
ILLINOIS	157	428,771	171,331	64,094	79,024	24,796	69,538	24,304	1,186	9,354	2,323	25,185
INDIANA	72	197,254	44,110	17,199	7,395	9,823	40,859	20,391	1,662	2,332	488	96,852
IOWA	58	229,691	29,872	2,932	15,937	3,264	24,524	4,977	4,579	3,013	405	1,492
KANSAS	56	118,151	109,634	3,423	52,286	3,007	53,660	7,462	1,813	1,964	1,272	1,943
KENTUCKY	46	195,109	60,388	3,858	27,230	18,781	61,508	5,469	400	3,024	1,379	8,292
LOUISIANA	34	152,683	141,169	5,090	61,483	886	180,359	3,719	665	1,049	6,201	10,935
MAINE	30	68,821	29,350	1,325	51,094	1,713	22,047	2,984	20	1,101	241	3,183
MARYLAND	57	212,197	107,803	2,804	3,068	1,093	7,946	9,490	194	5,588	2,192	1,063
MASSACHUSETTS	117	418,192	102,727	12,201	110,298	69,414	63,720	14,628	472	6,527	12,547	11,215
MICHIGAN	101	356,374	65,447	6,358	6,359	15,889	36,603	9,566	1,236	6,004	1,348	16,511
MINNESOTA	75	212,457	70,067	7,354	106,500	27,632	78,964	8,131	1,184	4,432	2,824	6,002
MISSISSIPPI	44	91,343	64,234	2,342	37,797	10,855	33,495	4,079	288	3,416	1,545	10,970
MISSOURI	87	188,104	99,799	4,340	35,077	6,759	55,606	16,940	287	3,469	1,779	5,229
MONTANA	18	29,221	49,854	1,798	12,497	14,849	36,672	784	45	646	131	417
NEBRASKA	35	96,820	68,139	5,010	12,351	682	13,328	6,147	764	1,597	341	6,533
NEVADA	8	19,609	19,141	614	4,545	12,929	17,965	1,491	76	620	143	1,457
NEW HAMPSHIRE	29	40,014	13,170	969	4,566	811	9,065	2,856	109	1,007	332	556
NEW JERSEY	60	234,523	90,972	9,746	50,695	9,293	77,274	8,652	687	4,646	1,878	16,944
NEW MEXICO	26	87,018	35,745	488	11,068	295	41,901	2,467	143	900	701	1,136
NEW YORK	325	1,112,649	147,168	28,910	289,947	76,086	314,854	34,982	2,701	16,217	31,072	21,005
NORTH CAROLINA	125	478,708	150,209	12,438	36,045	8,508	216,558	8,047	678	8,542	1,179	7,480
NORTH DAKOTA	19	24,085	12,363	2,141	649	1,965	13,812	1,109	46	812	492	1,776
OHIO	148	496,165	175,346	13,297	68,482	106,368	132,425	98,569	2,183	7,433	6,055	12,592
OKLAHOMA	46	116,048	90,766	19,853	72,616	18,537	47,661	6,006	469	2,589	391	7,435
OREGON	46	151,584	49,149	3,733	26,176	1,884	3,669	4,321	548	2,607	2,489	3,415
PENNSYLVANIA	210	523,447	140,684	15,894	173,098	43,860	220,750	21,165	1,313	8,691	9,462	36,351
RHODE ISLAND	11	45,136	27,741	917	643	668	16,069	242	5	301	16	45
SOUTH CAROLINA	63	115,980	32,324	2,192	12,013	12,445	69,901	3,174	1,269	2,794	8,482	2,527
SOUTH DAKOTA	19	40,678	35,911	531	49,877	278	17,123	2,679	150	725	270	1,039
TENNESSEE	83	152,322	49,491	3,206	58,837	93,590	32,575	7,442	879	6,461	2,422	7,324
TEXAS	168	655,903	271,848	14,347	179,659	50,993	108,170	16,692	2,320	12,648	4,337	9,207
UTAH	14	104,419	20,145	753	56,154	3,151	22,434	2,245	107	694	45	826
VERMONT	22	61,545	37,478	528	11,670	1,703	42,470	2,812	128	1,071	345	2,247
VIRGINIA	78	255,732	136,448	7,699	32,808	9,639	33,900	12,434	392	7,847	1,273	7,398
WASHINGTON	55	109,578	160,662	3,024	13,692	14,020	96,337	4,920	1,587	3,351	62,412	7,831
WEST VIRGINIA	29	40,619	191,654	2,160	7,215	5,373	16,714	4,937	265	1,583	619	3,417
WISCONSIN	63	520,193	278,186	8,581	35,404	24,194	36,420	5,295	405	6,911	2,225	4,382
WYOMING	9	12,512	445	79	313	169	882	136	24	559	89	144

* Institutions with accreditation at the higher education level recognized by the Secretary of Education, 1988

Table 8: Number of titles added during the year by material collection category, State, and level and control of institution: 1988
B. TOTAL FOUR-YEAR HIGHER EDUCATION INSTITUTIONAL LIBRARIES

	Total number of libraries	Books and bound serials	Government documents	Current serial subscriptions	Book titles represented by microforms	Serial titles represented by microforms	Government document titles represented by microforms	Audio materials	Films	Video materials	Machine readable materials	Other library materials
TOTAL 50 STATES & DC	2,081	9,592,751	4,052,668	360,725	2,389,349	840,172	2,979,892	456,269	31,547	118,717	203,611	359,365
ALABAMA	35	153,445	64,654	2,884	34,743	6,090	72,194	4,861	557	1,765	1,327	2,890
ALASKA	6	38,653	14,084	823	16,540	258	34,253	2,862	187	2,185	118	502
ARIZONA	15	43,676	31,380	1,962	8,090	3,700	52,761	1,156	247	714	2,011	1,156
ARKANSAS	20	110,168	47,036	860	32,001	31,599	31,045	1,026	49	726	390	666
CALIFORNIA	166	950,361	214,896	23,840	275,279	59,197	202,878	69,617	3,146	8,057	8,414	30,113
COLORADO	29	135,034	137,081	6,958	92,212	5,115	57,173	5,410	767	1,163	1,809	2,527
CONNECTICUT	29	147,113	17,337	4,045	6,149	1,916	11,296	7,824	117	2,337	763	4,019
DELAWARE	7	11,423	5,025	1,343	390	3,022	754	80	0	156	20	385
DISTRICT OF COLUMBIA	16	115,398	49,320	30,797	14,821	7,167	7,650	3,030	76	1,128	344	628
FLORIDA	53	285,675	98,293	14,165	87,661	42,544	146,887	10,933	846	3,388	4,903	6,061
GEORGIA	44	201,450	72,514	9,720	83,297	25,026	68,005	6,967	362	1,938	30,366	6,170
HAWAII	8	14,710	7,471	651	1,614	30,385	1,575	487	77	1,158	16	1,700
IDAHO	7	27,679	10,777	677	41	1,092	33,581	780	39	28	1	309
ILLINOIS	95	351,083	166,479	62,131	76,535	22,604	62,295	20,575	783	4,690	1,860	18,479
INDIANA	50	186,049	42,918	16,664	6,429	9,173	37,917	20,054	1,552	1,768	360	95,616
IOWA	37	214,278	27,719	2,311	14,636	529	20,383	3,740	4,469	1,942	321	1,159
KANSAS	32	98,743	109,118	3,236	37,576	2,529	52,755	6,862	1,736	741	1,090	1,577
KENTUCKY	31	173,056	58,792	2,580	26,003	17,815	57,384	3,788	185	2,028	1,042	2,669
LOUISIANA	24	139,485	136,184	4,583	60,875	630	178,348	3,300	625	710	6,190	10,751
MAINE	21	63,086	28,989	1,083	51,093	1,707	22,047	2,970	20	1,078	198	2,718
MARYLAND	35	178,401	102,454	2,607	2,255	593	5,035	8,643	85	3,616	1,784	645
MASSACHUSETTS	83	383,288	101,785	11,343	109,994	69,042	62,090	13,412	399	5,175	12,249	8,387
MICHIGAN	66	327,551	55,006	5,646	5,342	15,189	29,991	8,144	968	4,153	1,239	15,616
MINNESOTA	44	189,501	66,647	6,690	103,437	26,238	69,572	7,129	891	3,421	2,432	4,319
MISSISSIPPI	22	67,946	64,133	1,010	37,363	10,239	33,494	2,512	107	1,209	1,278	8,633
MISSOURI	65	172,460	93,717	3,899	34,769	6,426	54,399	15,659	200	2,729	1,561	4,568
MONTANA	9	18,973	49,339	1,294	12,283	14,179	35,915	519	24	214	29	7
NEBRASKA	23	87,312	67,612	4,622	12,140	294	12,407	1,363	467	1,170	197	871
NEVADA	4	14,221	19,131	462	4,545	12,910	17,965	1,342	76	379	138	1,442
NEW HAMPSHIRE	17	36,682	12,716	883	4,262	633	8,185	2,723	81	910	318	482
NEW JERSEY	37	203,685	88,444	8,394	37,947	8,604	75,080	6,775	584	2,956	1,307	14,017
NEW MEXICO	10	49,901	34,239	237	11,066	163	41,901	1,703	91	192	65	249
NEW YORK	239	1,025,493	146,119	26,504	289,302	70,921	312,416	30,921	2,411	11,917	27,545	18,004
NORTH CAROLINA	52	396,750	149,488	11,357	35,552	4,109	213,822	6,502	226	2,910	507	4,173
NORTH DAKOTA	9	16,276	11,835	609	59	1,660	13,058	958	18	599	103	1,236
OHIO	84	439,331	166,305	11,466	62,255	77,387	119,299	96,495	1,702	5,242	4,340	9,242
OKLAHOMA	28	97,102	90,250	19,454	72,402	8,281	46,756	5,640	419	1,388	209	7,064
OREGON	31	134,882	48,179	2,505	26,156	1,589	3,307	3,604	456	1,290	2,456	3,003
PENNSYLVANIA	131	463,849	134,348	14,649	167,549	40,185	202,654	17,407	677	6,196	6,098	31,026
RHODE ISLAND	10	43,743	27,741	894	643	651	16,069	186	3	203	16	45
SOUTH CAROLINA	32	96,122	31,461	1,626	10,982	12,050	68,799	2,413	1,158	1,327	8,311	1,323
SOUTH DAKOTA	16	39,512	35,903	302	49,875	238	16,972	948	129	689	259	427
TENNESSEE	51	120,185	45,367	2,554	46,071	91,765	27,133	5,150	347	4,047	2,012	6,043
TEXAS	95	559,514	258,769	11,250	174,122	41,451	101,430	12,528	1,705	5,083	2,590	5,327
UTAH	6	95,999	19,757	376	55,850	2,952	21,554	1,824	92	520	34	614
VERMONT	17	56,087	37,478	488	11,670	1,689	42,470	2,785	127	1,061	340	2,247
VIRGINIA	47	224,844	133,679	6,040	32,461	8,998	32,869	10,886	296	6,815	1,168	6,271
WASHINGTON	26	68,802	154,208	2,436	13,222	11,375	94,142	4,306	1,506	1,576	61,870	7,427
WEST VIRGINIA	22	36,455	191,260	2,100	6,909	4,980	15,683	4,245	219	1,353	540	3,196
WISCONSIN	44	487,319	275,231	7,715	32,881	23,283	34,244	3,225	243	2,426	1,073	3,366
WYOMING	1	0	0	0	0	0	0	0	0	251	0	0

Table 8: Number of titles added during the year by material collection category, State, and level and control of institution: 1988
C. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS OFFERING DOCTORAL PROGRAMS

	Total number of libraries	Books and bound serials	Government documents	Current serial subscrip-tions	Book titles represented by microforms	Serial titles represented by microforms	Government document titles represented by microforms	Audio materials	Films	Video materials	Machine readable materials	Other library materials
TOTAL 50 STATES & DC	466	4,589,006	1,868,104	238,009	1,040,566	295,248	1,182,823	293,588	15,647	39,438	38,088	211,190
ALABAMA	7	75,041	24,820	1,077	21,556	48	27,964	3,080	323	641	31	156
ALASKA	1	12,576	5,219	590	1,036	0	26,893	1,054	94	79	6	203
ARIZONA	3	24,635	20,528	1,338	0	588	33,328	216	34	218	7	0
ARKANSAS	2	13,556	607	29	0	522	18,118	259	0	50	5	0
CALIFORNIA	49	565,004	174,593	18,643	183,463	17,789	93,743	62,938	1,892	4,394	2,438	22,233
COLORADO	10	90,740	90,660	5,019	79,654	723	15,696	1,288	451	354	407	500
CONNECTICUT	7	92,747	300	1,380	5	59	1	5,358	2	384	657	2,510
DELAWARE	2	2,939	219	1,023	390	2,931	587	10	0	61	15	0
DISTRICT OF COLUMBIA	7	104,851	77	29,881	14,805	7,164	2,645	2,817	53	621	334	628
FLORIDA	14	157,113	67,398	11,298	67,738	34,857	102,436	6,590	119	1,658	1,817	1,722
GEORGIA	7	61,600	6,200	1,721	275	56	1	1,536	0	671	12	743
HAWAII	2	3,641	0	307	0	3	0	109	19	415	0	386
IDAHO	2	8,471	7,852	297	0	1,050	30,427	265	0	1	1	0
ILLINOIS	25	163,667	93,953	58,800	54,808	14,402	32,249	11,011	411	1,726	264	11,804
INDIANA	8	89,933	25,636	14,298	3,614	33	565	18,438	1,463	707	63	93,936
IOWA	6	118,475	25,050	964	14,465	311	14,603	1,433	4,462	754	49	40
KANSAS	3	44,162	67,877	1,765	670	0	10,827	5,692	1,400	27	0	14
KENTUCKY	7	63,975	34,193	1,708	5,964	2,178	11,790	1,894	50	681	544	1,374
LOUISIANA	10	100,777	90,897	3,465	45,417	116	152,565	3,055	21	457	102	10,104
MAINE	1	13,968	17,065	295	1,000	158	14,815	284	0	144	3	0
MARYLAND	9	109,509	58,992	1,817	1,704	357	5,035	7,283	59	1,987	1,467	89
MASSACHUSETTS	23	220,595	58,507	5,421	34,446	52,296	36,713	5,506	121	1,965	10,802	1,177
MICHIGAN	12	98,636	9,634	2,181	535	2,823	2,546	3,142	616	1,753	384	1,663
MINNESOTA	6	35,600	18,680	1,542	15,017	1,465	21,495	2,891	245	317	432	1,604
MISSISSIPPI	6	39,039	52,073	304	24,686	160	22,378	561	13	644	528	8,061
MISSOURI	14	82,079	49,819	1,226	22,380	1,179	18,134	10,304	23	1,088	1,038	641
MONTANA	2	8,987	34,955	133	131	0	26,717	476	15	154	10	2
NEBRASKA	3	39,083	36,473	3,584	12	35	200	491	370	235	10	33
NEVADA	2	11,937	18,715	406	2,818	12,806	14,410	1,182	30	346	82	1,293
NEW HAMPSHIRE	4	12,398	5,175	470	1,411	0	0	659	0	188	63	57
NEW JERSEY	10	101,770	56,463	4,404	12,475	2,723	42,077	2,571	79	458	250	1,379
NEW MEXICO	3	38,583	20,874	161	7,321	9	29,597	636	0	140	5	0
NEW YORK	50	439,522	28,756	9,337	108,750	11,933	40,172	6,612	64	2,850	2,111	2,937
NORTH CAROLINA	7	151,634	82,082	8,062	8,438	1,334	23,121	3,151	58	311	175	1,471
NORTH DAKOTA	2	5,991	9,835	134	59	1,608	1,500	97	0	70	4	486
OHIO	20	300,508	60,463	5,011	38,871	69,613	32,571	87,118	1,127	1,443	963	4,330
OKLAHOMA	6	50,756	47,038	18,437	21,615	4,372	38,180	4,133	237	403	64	5,082
OREGON	7	74,196	35,837	1,317	2,877	96	0	1,086	397	331	2,200	773
PENNSYLVANIA	23	245,544	36,813	5,248	43,955	2,891	47,519	7,608	57	1,423	777	25,399
RHODE ISLAND	2	20,137	20,971	697	500	0	3,925	0	0	0	1	0
SOUTH CAROLINA	7	29,232	8,529	396	1,781	10,119	45,858	487	8	373	7,383	738
SOUTH DAKOTA	4	23,529	28,147	41	16,511	1	7,549	145	0	222	125	87
TENNESSEE	12	59,855	35,134	1,280	40,735	30	15,945	2,003	93	2,102	298	266
TEXAS	30	308,820	162,565	6,077	56,591	35,310	37,511	7,564	919	2,855	890	1,807
UTAH	3	87,353	17,807	332	55,850	52	21,554	1,816	89	481	25	600
VERMONT	2	23,323	15,932	129	120	48	29,102	1,003	12	547	24	0
VIRGINIA	10	101,411	100,376	3,520	24,291	576	8,774	7,049	20	1,553	817	3,353
WASHINGTON	4	9,311	0	1,011	29	111	16,600	35	80	340	0	1,394
WEST VIRGINIA	2	0	0	172	0	0	0	102	107	440	17	21
WISCONSIN	7	51,797	4,315	1,261	1,797	313	4,387	550	14	117	388	94
WYOMING	1	0	0	0	0	0	0	0	0	251	0	0

Table 8: Number of titles added during the year by material collection category, State, and level and control of institution: 1988
D. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH MASTER'S HIGHEST LEVEL OF OFFERING

	Total number of libraries	Books and bound serials	Government documents	Current serial subscriptions	Book titles represented by microforms	Serial titles represented by microforms	Government document titles represented by microforms	Audio materials	Films	Video materials	Machine readable materials	Other library materials
TOTAL 50 STATES & DC	802	3,297,114	1,727,134	82,021	1,003,883	455,464	1,060,705	95,583	6,721	46,332	133,184	96,803
ALABAMA	18	67,203	39,197	1,067	11,360	5,755	40,675	1,401	179	870	1,216	2,458
ALASKA	2	20,938	8,041	133	12,045	50	250	1,313	1	2,031	0	0
ARIZONA	5	10,928	7,650	306	5,081	2,571	9,179	527	47	240	1,748	802
ARKANSAS	9	40,070	39,910	324	28,372	31,064	12,927	592	18	514	102	68
CALIFORNIA	72	265,972	27,069	2,837	19,885	38,962	40,217	3,183	414	2,518	4,462	4,669
COLORADO	9	22,898	38,349	1,595	3,769	3,684	27,257	1,533	128	455	1,153	1,345
CONNECTICUT	13	40,039	10,369	1,260	2,803	1,466	3,223	2,181	11	1,408	42	1,139
DELAWARE	2	4,776	4,806	269	0	85	167	58	0	22	4	4
DISTRICT OF COLUMBIA	6	7,647	49,243	726	16	3	5,005	123	23	503	10	0
FLORIDA	16	90,818	23,805	2,055	10,006	6,302	22,203	3,231	496	1,312	2,452	3,229
GEORGIA	22	122,335	63,282	7,651	81,889	24,477	63,710	4,716	327	826	30,116	4,595
HAWAII	2	6,300	0	176	0	63	1	72	0	60	5	1,125
IDAHO	3	18,916	2,925	378	41	42	3,154	500	34	13	0	309
ILLINOIS	38	130,817	51,177	1,983	16,334	6,878	16,423	6,109	245	2,136	1,262	4,408
INDIANA	21	56,896	9,272	1,290	26	8,571	27,825	916	16	413	11	757
IOWA	8	17,942	0	709	0	28	3,740	215	3	86	12	650
KANSAS	9	27,688	31,059	603	27,496	1,924	18,111	242	105	268	761	417
KENTUCKY	10	72,789	19,379	614	20,039	3,517	30,040	1,321	96	945	411	1,277
LOUISIANA	11	35,032	39,274	1,108	15,258	403	22,773	145	604	231	6,083	609
MAINE	6	12,366	6,559	470	50/060	1,415	2,884	201	20	162	190	466
MARYLAND	19	53,816	38,302	736	51	215	0	1,228	25	1,538	300	556
MASSACHUSETTS	34	108,642	25,782	4,485	71,546	15,349	13,720	3,940	213	1,861	1,151	3,120
MICHIGAN	21	95,434	34,164	2,192	831	9,400	8,179	1,837	200	1,211	229	9,952
MINNESOTA	14	67,576	30,891	4,386	40,244	23,909	28,533	1,632	242	2,199	1,762	1,041
MISSISSIPPI	9	22,015	11,648	282	10,950	9,686	7,561	1,203	47	436	684	385
MISSOURI	22	59,000	42,632	1,191	2,889	3,083	32,709	3,607	65	884	384	2,399
MONTANA	5	6,672	14,384	1,158	12,152	14,178	7,849	43	9	34	11	5
NEBRASKA	6	24,464	28,512	377	12,128	48	11,922	257	4	351	109	292
NEVADA	1	250	4	6	0	0	0	40	0	5	0	0
NEW HAMPSHIRE	6	13,119	1,772	83	180	18	2,601	1,520	4	435	48	31
NEW JERSEY	15	80,103	11,252	3,431	19,927	5,113	23,942	2,989	69	1,270	901	11,577
NEW MEXICO	5	9,284	12,953	26	2,018	50	8,749	947	45	16	4	100
NEW YORK	95	374,772	89,771	11,390	112,134	49,555	129,218	14,941	489	4,876	7,551	8,631
NORTH CAROLINA	18	196,968	53,969	1,262	26,929	1,708	36,160	2,180	111	1,993	256	1,643
NORTH DAKOTA	2	1,335	0	47	0	0	11,548	139	5	244	16	161
OHIO	24	68,816	25,709	5,214	18,771	3,879	64,577	5,492	136	1,800	2,897	4,249
OKLAHOMA	9	24,020	38,492	215	34,288	1,251	4,681	744	49	282	87	1,009
OREGON	15	49,292	11,318	642	20,929	1,473	3,307	1,947	59	758	240	977
PENNSYLVANIA	59	116,032	41,509	5,007	112,631	34,692	119,835	4,876	358	2,952	1,978	2,336
RHODE ISLAND	6	21,254	6,770	163	137	642	12,144	160	3	104	0	10
SOUTH CAROLINA	10	43,232	19,915	871	7,472	1,412	19,375	833	76	554	852	276
SOUTH DAKOTA	5	10,078	6,932	118	29,900	14	2,313	481	32	302	21	10
TENNESSEE	13	29,397	9,337	266	1,822	90,805	4,078	1,280	134	794	87	5,399
TEXAS	38	202,602	91,813	4,333	113,744	5,474	56,062	2,378	188	1,590	1,403	1,034
UTAH	3	8,646	1,950	44	0	2,900	0	8	3	39	9	14
VERMONT	10	24,495	20,722	229	8,096	1,426	6,258	1,522	23	376	184	1,449
VIRGINIA	15	67,333	19,871	1,084	5,375	7,749	14,530	1,770	40	1,542	32	2,348
WASHINGTON	14	40,010	135,737	1,129	5,904	10,336	56,293	3,647	1,250	960	61,304	5,163
WEST VIRGINIA	7	8,089	174,551	160	828	1,891	2,367	3,652	19	255	232	2,561
WISCONSIN	20	397,998	255,106	5,940	27,527	21,948	22,430	1,711	56	1,658	412	1,748
WYOMING	0	0	0	0	0	0	0	0	0	0	0	0

Table 8: Number of titles added during the year by material collection category, State, and level and control of institution: 1988
E. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH BACCALAUREATE HIGHEST LEVEL OF OFFERING

	Total number of libraries	Books and bound serials	Government documents	Current serial subscrip-tions	Book titles represented by microforms	Serial titles represented by microforms	Government document titles represented by microforms	Audio materials	Films	Video materials	Machine readable materials	Other library materials
TOTAL 50 STATES & DC	813	1,706,631	457,430	40,695	344,900	89,460	736,364	67,098	9,179	32,947	32,339	51,372
ALABAMA	10	11,201	637	740	1,827	287	3,555	380	55	254	80	276
ALASKA	3	5,139	824	100	3,459	208	7,110	495	92	75	112	299
ARIZONA	7	8,113	3,202	318	3,009	541	10,254	413	166	256	256	354
ARKANSAS	9	56,542	6,519	507	3,629	13	0	175	31	162	283	598
CALIFORNIA	45	119,385	13,234	2,360	71,931	2,446	68,918	3,496	840	1,145	1,514	3,211
COLORADO	10	21,396	8,072	344	8,789	708	14,220	2,589	188	354	249	682
CONNECTICUT	9	14,327	6,668	1,405	3,341	391	8,072	285	104	545	64	370
DELAWARE	3	3,708	0	51	0	6	0	12	0	73	1	381
DISTRICT OF COLUMBIA	3	2,900	0	190	0	0	0	90	0	4	0	0
FLORIDA	23	37,744	7,090	812	9,917	1,385	22,248	1,112	231	418	634	1,110
GEORGIA	15	17,515	3,032	348	1,133	493	4,294	715	35	441	238	832
HAWAII	4	4,769	7,471	168	1,614	30,319	1,574	306	58	683	11	189
IDAHO	2	292	0	2	0	0	0	15	5	14	0	0
ILLINOIS	32	56,599	21,349	1,348	5,393	1,324	13,623	3,455	127	828	334	2,267
INDIANA	21	39,220	8,010	1,076	2,789	569	9,527	700	73	648	286	923
IOWA	23	77,861	2,669	638	171	190	2,040	2,092	4	1,102	260	469
KANSAS	20	26,893	10,182	868	9,410	605	23,817	928	231	446	329	1,146
KENTUCKY	14	36,292	5,220	258	0	12,120	15,554	573	39	402	87	18
LOUISIANA	3	3,676	6,013	10	200	111	3,010	100	0	22	5	38
MAINE	14	36,752	5,365	318	33	134	4,348	2,485	0	772	5	2,252
MARYLAND	7	15,076	5,160	54	500	21	0	132	1	91	17	0
MASSACHUSETTS	26	54,051	17,496	1,437	4,002	1,397	11,657	3,966	65	1,349	296	4,090
MICHIGAN	33	133,481	11,208	1,273	3,976	2,966	19,266	3,165	152	1,189	626	4,001
MINNESOTA	24	86,325	17,076	762	48,176	864	19,544	2,606	404	905	238	1,674
MISSISSIPPI	7	6,892	412	424	1,727	393	3,555	748	47	129	66	187
MISSOURI	29	31,381	1,266	1,482	9,500	2,164	3,556	1,748	112	757	139	1,528
MONTANA	2	3,314	0	3	0	1	1,349	0	0	26	8	0
NEBRASKA	14	23,765	2,627	661	0	211	285	615	93	584	78	546
NEVADA	1	2,034	412	50	1,727	104	3,555	120	46	28	56	149
NEW HAMPSHIRE	7	11,165	5,769	330	2,671	615	5,584	544	77	287	207	394
NEW JERSEY	12	21,812	20,729	559	5,545	768	9,061	1,215	436	1,228	156	1,061
NEW MEXICO	2	2,034	412	50	1,727	104	3,555	120	46	28	56	149
NEW YORK	94	211,199	27,592	5,777	68,418	2,433	143,026	9,368	1,858	4,191	17,883	6,436
NORTH CAROLINA	27	48,148	13,437	2,033	185	1,067	154,541	1,171	57	606	76	1,059
NORTH DAKOTA	5	8,950	2,000	428	0	52	10	722	13	285	83	589
OHIO	40	70,007	80,133	1,241	4,613	3,895	22,151	3,885	439	1,999	480	663
OKLAHOMA	13	22,326	4,720	802	16,499	2,658	3,895	763	133	703	58	973
OREGON	9	11,394	1,024	546	2,350	20	0	571	0	201	16	1,253
PENNSYLVANIA	49	102,273	56,026	4,394	10,963	2,602	35,300	4,923	262	1,821	3,343	3,291
RHODE ISLAND	2	2,352	0	34	6	9	0	26	0	99	15	35
SOUTH CAROLINA	15	23,658	3,017	359	1,729	519	3,566	1,093	1,074	400	76	309
SOUTH DAKOTA	7	5,905	824	143	3,464	223	7,110	322	97	165	113	330
TENNESSEE	26	30,933	896	1,008	3,514	930	7,110	1,867	120	1,151	1,627	378
TEXAS	27	48,092	4,391	840	3,787	667	7,857	2,586	598	638	297	2,486
UTAH	0	0	0	0	0	0	0	0	0	0	0	0
VERMONT	5	8,269	824	130	3,454	215	7,110	260	92	138	132	798
VIRGINIA	22	56,100	13,432	1,436	2,795	673	9,565	2,067	236	3,720	319	570
WASHINGTON	8	19,481	18,471	296	7,289	928	21,249	624	176	276	566	870
WEST VIRGINIA	13	28,366	16,709	1,768	6,081	3,089	13,316	491	93	658	291	614
WISCONSIN	17	37,524	15,810	514	3,557	1,022	7,427	964	173	651	273	1,524
WYOMING	0	0	0	0	0	0	0	0	0	0	0	0

Table 8: Number of titles added during the year by material collection category, State, and level and control of institution: 1988
F. LIBRARIES IN LESS THAN 4-YEAR HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Books and bound serials	Government documents	Current serial subscriptions	Book titles represented by microforms	Serial titles represented by microforms	Government document titles represented by microforms	Audio materials	Films	Video materials	Machine readable materials	Other library materials
TOTAL 50 STATES & DC	1,357	1,456,475	171,249	42,539	114,726	114,369	173,721	69,471	9,242	81,950	24,730	87,340
ALABAMA	48	36,654	13,469	1,283	7,351	3,264	11,737	2,208	804	2,365	681	2,547
ALASKA	7	5,630	135	59	36	22	202	102	2	200	2	2
ARIZONA	19	35,483	6,438	615	1,835	942	5,860	1,677	204	1,202	723	811
ARKANSAS	16	9,410	154	226	4	277	302	333	49	467	30	292
CALIFORNIA	129	156,598	19,384	5,491	19,665	18,006	19,799	5,793	1,002	8,840	2,450	13,779
COLORADO	24	22,089	2,255	1,115	1,522	1,097	4,652	887	106	805	95	756
CONNECTICUT	20	17,936	1,241	435	27	178	264	374	13	415	744	2,252
DELAWARE	3	1,718	1,100	98	0	98	1,200	4	0	14	3	0
DISTRICT OF COLUMBIA	0	0	0	0	0	0	0	0	0	0	0	0
FLORIDA	42	69,059	10,718	1,378	2,448	4,580	9,306	5,529	544	5,750	863	4,395
GEORGIA	42	55,050	12,722	1,059	3,779	2,659	9,572	1,755	262	2,603	493	1,856
HAWAII	6	8,505	8	368	0	65	0	54	12	214	19	403
IDAHO	4	2,654	5,455	184	2	40	2,909	247	42	524	11	130
ILLINOIS	62	77,688	4,852	1,963	2,489	2,192	7,243	3,729	403	4,664	463	6,706
INDIANA	22	11,205	1,192	535	966	650	2,942	337	110	564	128	1,236
IOWA	21	15,413	2,153	621	1,301	2,735	4,141	1,237	110	1,071	84	333
KANSAS	24	19,408	516	187	14,710	478	905	600	77	1,223	182	366
KENTUCKY	15	22,053	1,596	1,278	1,227	966	4,124	1,681	215	996	337	5,623
LOUISIANA	10	13,198	4,985	507	608	256	2,011	419	40	339	11	184
MAINE	9	5,735	361	242	1	6	0	14	0	23	43	465
MARYLAND	22	33,796	5,349	197	813	500	2,911	847	109	1,972	408	418
MASSACHUSETTS	34	34,904	942	858	304	372	1,630	1,216	73	1,352	298	2,828
MICHIGAN	35	28,823	10,441	712	1,017	700	6,612	1,422	268	1,851	109	895
MINNESOTA	31	22,956	3,420	664	3,063	1,394	9,392	1,002	293	1,011	392	1,683
MISSISSIPPI	22	23,397	101	1,332	434	616	1	1,567	181	2,207	267	2,337
MISSOURI	22	15,644	6,082	441	308	333	1,207	1,281	87	740	218	661
MONTANA	9	10,248	515	504	214	670	757	265	21	432	102	410
NEBRASKA	12	9,508	527	388	211	388	921	4,784	297	427	144	5,662
NEVADA	4	5,388	10	152	0	19	0	149	0	241	5	15
NEW HAMPSHIRE	12	3,332	454	86	304	178	880	133	28	97	14	74
NEW JERSEY	23	30,838	2,528	1,352	12,748	689	2,194	1,877	103	1,690	571	2,927
NEW MEXICO	16	37,117	1,506	251	2	132	0	764	52	703	636	887
NEW YORK	86	87,156	1,049	2,406	645	5,165	2,438	4,061	290	4,300	3,527	3,001
NORTH CAROLINA	73	81,958	721	1,081	493	4,399	2,736	1,545	452	5,632	672	3,307
NORTH DAKOTA	10	7,809	528	1,532	590	305	754	151	28	213	389	540
OHIO	64	56,834	9,041	1,831	6,227	28,981	13,126	2,074	481	2,191	1,715	3,350
OKLAHOMA	18	18,946	516	399	214	10,256	905	366	50	1,201	182	371
OREGON	15	16,702	970	1,228	20	295	362	717	92	1,317	33	412
PENNSYLVANIA	79	59,598	6,336	1,245	5,549	3,675	18,096	3,758	636	2,495	3,364	5,325
RHODE ISLAND	1	1,393	0	23	0	17	0	56	2	98	0	0
SOUTH CAROLINA	31	19,858	863	566	1,031	395	1,102	761	111	1,467	171	1,204
SOUTH DAKOTA	3	1,166	8	229	2	40	151	1,731	21	36	11	612
TENNESSEE	32	32,137	4,124	652	12,766	1,825	5,442	2,292	532	2,414	410	1,281
TEXAS	73	96,389	13,079	3,097	5,537	9,542	6,740	4,164	615	7,565	1,747	3,880
UTAH	8	8,420	388	377	304	199	880	421	15	174	11	212
VERMONT	5	5,458	0	40	0	14	0	27	1	10	5	0
VIRGINIA	31	30,888	2,769	1,659	347	641	1,031	1,548	96	1,032	105	1,127
WASHINGTON	29	40,776	6,454	588	470	2,645	2,195	614	81	1,775	542	404
WEST VIRGINIA	7	4,164	394	60	306	393	1,031	692	46	230	79	221
WISCONSIN	19	32,874	2,955	866	2,523	911	2,176	2,070	162	4,485	1,152	1,016
WYOMING	8	12,512	445	79	313	169	882	136	24	308	89	144

Table 8: Number of titles added during the year by material collection category, State, and level and control of institution: 1988
G. LIBRARIES IN PUBLIC HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Books and bound serials	Government documents	Current serial subscrip-tions	Book titles represented by microforms	Serial titles represented by microforms	Government document titles represented by microforms	Audio materials	Films	Video materials	Machine readable materials	Other library materials
TOTAL 50 STATES & DC	1,539	6,178,123	2,862,222	173,810	1,563,432	463,893	1,541,517	327,792	26,455	128,462	73,351	288,855
ALABAMA	56	153,269	67,767	3,034	37,703	5,704	70,836	5,544	881	3,405	1,370	4,081
ALASKA	10	39,144	13,395	782	13,117	72	27,345	2,469	97	2,310	8	205
ARIZONA	19	58,900	26,572	1,905	1,529	1,321	38,157	1,784	204	1,365	709	623
ARKANSAS	20	60,434	38,454	441	26,478	31,789	23,781	1,064	25	942	13	158
CALIFORNIA	137	570,930	66,704	13,047	148,379	43,597	19,731	51,029	2,519	10,745	3,007	26,848
COLORADO	27	122,878	117,102	6,505	79,831	1,038	30,527	4,263	484	1,207	87	887
CONNECTICUT	25	29,289	16,844	2,466	4,440	1,760	7,805	634	73	1,437	812	2,441
DELAWARE	5	5,659	5,798	1,004	0	98	1,364	37	0	26	13	4
DISTRICT OF COLUMBIA	2	867	49,229	642	0	2	5,000	65	18	459	0	0
FLORIDA	38	246,517	56,981	7,818	67,290	37,148	96,464	9,812	914	7,665	2,007	5,117
GEORGIA	46	155,759	57,759	2,948	61,667	18,574	60,767	3,112	502	3,527	30,379	4,437
HAWAII	9	15,415	3,057	815	1,614	335	1,574	307	89	765	30	978
IDAHO	6	22,254	7,852	734	41	1,086	30,427	831	57	342	1	244
ILLINOIS	59	200,881	118,300	3,821	36,536	6,491	28,433	14,190	729	6,017	464	6,763
INDIANA	27	96,413	3,588	13,916	3,121	7,466	13,485	18,206	1,510	1,139	134	94,892
IOWA	19	119,801	24,503	1,386	1,195	2,524	16,104	2,380	4,533	1,540	103	157
KANSAS	30	87,153	99,444	2,416	42,852	2,267	26,692	6,290	1,543	1,457	945	654
KENTUCKY	9	115,093	41,316	1,840	20,040	3,619	29,795	3,284	155	1,462	622	6,368
LOUISIANA	20	101,006	112,816	3,349	52,225	132	176,363	1,368	566	641	37	8,542
MAINE	13	35,877	22,566	964	50,265	252	15,332	641	1	318	51	2,580
MARYLAND	34	134,179	90,863	2,136	1,364	805	3,559	7,806	180	4,497	1,718	974
MASSACHUSETTS	31	132,560	28,741	1,756	53,321	13,359	37,015	4,400	169	2,451	361	5,080
MICHIGAN	49	169,623	42,212	3,271	1,266	6,865	15,063	5,207	1,085	4,055	525	11,056
MINNESOTA	33	99,034	45,683	5,059	56,787	5,862	54,745	3,998	657	3,256	2,131	3,775
MISSISSIPPI	26	70,230	63,622	1,758	34,450	10,165	29,339	2,433	116	2,882	1,477	8,614
MISSOURI	25	91,746	67,168	860	14,421	2,108	33,743	10,800	55	1,732	158	1,873
MONTANA	12	21,858	49,854	1,522	12,492	14,844	35,320	763	45	334	118	412
NEBRASKA	20	60,210	29,336	4,128	12,337	454	12,959	5,044	672	921	261	5,654
NEVADA	6	17,325	18,725	558	2,818	12,825	14,410	1,331	30	587	87	1,308
NEW HAMPSHIRE	12	24,604	3,117	295	1,772	278	1,574	539	73	267	14	200
NEW JERSEY	33	96,194	29,733	3,194	22,750	2,793	25,418	5,065	206	3,727	1,418	11,756
NEW MEXICO	22	81,065	35,333	432	9,303	191	38,346	1,400	93	869	642	987
NEW YORK	90	389,083	32,766	10,860	63,101	5,090	29,594	10,086	315	6,420	3,685	3,599
NORTH CAROLINA	74	380,889	91,064	2,746	18,030	6,245	27,774	5,058	480	6,973	792	5,859
NORTH DAKOTA	15	17,556	12,333	1,722	649	1,914	13,812	504	45	665	426	1,190
OHIO	58	302,673	47,836	8,040	49,276	94,725	55,371	87,357	1,328	2,707	1,675	5,175
OKLAHOMA	28	100,699	72,626	19,608	56,816	17,689	43,615	3,203	322	1,920	322	3,029
OREGON	21	98,973	36,668	2,638	21,924	231	321	1,607	487	2,134	26	2,797
PENNSYLVANIA	61	225,996	29,629	4,355	139,989	15,212	102,819	9,342	333	3,260	3,294	25,596
RHODE ISLAND	3	29,893	22,903	734	634	48	4,057	145	2	98	1	0
SOUTH CAROLINA	33	77,529	19,292	1,463	2,195	10,677	57,331	925	1,077	1,872	7,121	1,452
SOUTH DAKOTA	7	29,987	31,803	106	46,407	13	8,469	255	2	408	146	87
TENNESSEE	24	80,311	28,478	942	50,896	567	17,766	2,411	516	4,088	382	5,124
TEXAS	103	446,877	245,152	9,799	150,502	46,294	41,753	10,079	1,538	10,947	3,242	4,698
UTAH	9	40,081	19,757	383	30,000	60	21,554	1,343	55	446	14	764
VERMONT	6	22,508	32,739	167	7,120	69	30,985	96	16	774	21	103
VIRGINIA	39	171,133	103,442	6,277	21,260	1,267	5,219	9,040	84	3,303	169	2,635
WASHINGTON	33	55,461	137,284	1,777	166	2,478	30,143	2,415	1,207	2,328	539	5,330
WEST VIRGINIA	16	26,817	186,462	1,736	3,309	2,844	5,751	4,377	147	1,271	162	2,516
WISCONSIN	31	433,579	257,495	5,602	29,745	22,646	23,708	3,380	209	5,970	1,553	1,151
WYOMING	8	11,911	59	53	9	0	2	73	11	531	79	82

Table 8: Number of titles added during the year by material collection category, State, and level and control of institution: 1988
H. LIBRARIES IN PRIVATE HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Books and bound serials	Government documents	Current serial subscriptions	Book titles represented by microforms	Serial titles represented by microforms	Government document titles represented by microforms	Audio materials	Films	Video materials	Machine readable materials	Other library materials
TOTAL 50 STATES & DC	1,899	4,871,103	1,361,695	229,454	940,643	490,648	1,612,096	197,948	14,334	72,205	154,990	157,850
ALABAMA	27	36,830	10,356	1,133	4,391	3,650	13,095	1,525	480	725	638	1,356
ALASKA	3	5,139	824	100	3,459	208	7,110	495	92	75	112	299
ARIZONA	15	20,259	11,246	672	8,396	3,321	20,464	1,049	247	551	2,025	1,344
ARKANSAS	16	59,144	8,736	645	5,527	87	7,566	295	73	251	407	800
CALIFORNIA	158	536,029	167,576	16,284	146,565	33,606	202,946	24,381	1,629	6,152	7,857	17,044
COLORADO	26	34,245	22,234	1,568	13,903	5,174	31,298	2,034	389	761	1,817	2,396
CONNECTICUT	24	135,760	1,734	2,014	1,736	334	3,755	7,564	57	1,315	695	3,830
DELAWARE	5	7,482	327	437	390	3,022	590	47	0	144	10	381
DISTRICT OF COLUMBIA	14	114,531	91	30,155	14,821	7,165	2,650	2,965	58	669	344	628
FLORIDA	57	108,217	52,030	7,725	22,819	9,976	59,729	6,650	476	1,473	3,759	5,339
GEORGIA	40	100,741	27,477	7,831	25,409	9,111	16,810	5,610	122	1,014	480	3,589
HAWAII	5	7,800	4,422	204	0	30,115	1	234	0	607	5	1,125
IDAHO	5	8,079	8,380	127	2	46	6,063	196	24	210	11	195
ILLINOIS	98	227,890	53,031	60,273	42,488	18,305	41,105	10,114	457	3,337	1,859	18,422
INDIANA	45	100,841	40,522	3,283	4,274	2,357	27,374	2,185	152	1,193	354	1,960
IOWA	39	109,890	5,369	1,546	14,742	740	8,420	2,597	46	1,473	302	1,335
KANSAS	26	30,998	10,190	1,007	9,434	740	26,968	1,172	270	507	327	1,289
KENTUCKY	37	80,016	19,072	2,018	7,190	15,162	31,713	2,185	245	1,562	757	1,924
LOUISIANA	14	51,677	28,353	1,741	9,258	754	3,996	2,351	99	408	6,164	2,393
MAINE	17	32,944	6,784	361	829	1,461	6,715	2,343	19	783	190	603
MARYLAND	23	78,018	16,940	668	1,704	288	4,387	1,684	14	1,091	474	89
MASSACHUSETTS	86	285,632	73,986	10,445	56,977	56,055	26,705	10,228	303	4,076	12,186	6,135
MICHIGAN	52	186,751	23,235	3,087	5,093	9,024	21,540	4,359	151	1,949	823	5,455
MINNESOTA	42	113,423	24,384	2,295	49,713	21,770	24,219	4,133	527	1,176	693	2,227
MISSISSIPPI	18	21,113	612	584	3,347	690	4,156	1,646	172	534	68	2,356
MISSOURI	62	96,358	32,631	3,480	20,656	4,651	21,863	6,140	232	1,737	1,621	3,356
MONTANA	6	7,363	0	276	5	5	1,352	21	0	312	13	5
NEBRASKA	15	36,610	38,803	882	14	228	369	1,103	92	676	80	879
NEVADA	2	2,284	416	56	1,727	104	3,555	160	46	33	56	149
NEW HAMPSHIRE	17	15,410	10,053	674	2,794	533	7,491	2,317	36	740	318	356
NEW JERSEY	27	138,329	61,239	6,552	27,945	6,500	51,856	3,587	481	919	460	5,188
NEW MEXICO	4	5,953	412	56	1,765	104	3,555	1,067	50	31	59	149
NEW YORK	235	723,566	114,402	18,050	226,846	70,996	285,260	24,896	2,386	9,797	27,387	17,406
NORTH CAROLINA	51	97,819	59,145	9,692	18,015	2,263	188,784	2,989	198	1,569	387	1,621
NORTH DAKOTA	4	6,529	30	419	0	51	0	605	1	147	66	586
OHIO	90	193,492	127,510	5,257	19,206	11,643	77,054	11,212	855	4,726	4,380	7,417
OKLAHOMA	18	15,349	18,140	245	15,800	848	4,046	2,803	147	669	69	4,406
OREGON	25	52,611	12,481	1,095	4,252	1,653	3,348	2,714	61	473	2,463	618
PENNSYLVANIA	149	297,451	111,055	11,539	33,109	28,648	117,931	11,823	980	5,431	6,168	10,755
RHODE ISLAND	8	15,243	4,838	183	9	620	12,012	97	3	203	15	45
SOUTH CAROLINA	30	38,451	13,032	729	9,818	1,768	12,570	2,249	192	922	1,361	1,075
SOUTH DAKOTA	12	10,691	4,108	425	3,470	265	8,654	2,424	148	317	124	952
TENNESSEE	59	72,011	21,013	2,264	7,941	93,023	14,809	5,031	363	2,373	2,040	2,200
TEXAS	65	209,026	26,696	4,548	29,157	4,699	66,417	6,613	782	1,701	1,095	4,509
UTAH	5	64,338	388	370	26,154	3,091	880	902	52	248	31	62
VERMONT	16	39,037	4,739	361	4,550	1,634	11,485	2,716	112	297	324	2,144
VIRGINIA	39	84,599	33,006	1,422	11,548	8,372	28,681	3,394	308	4,544	1,104	4,763
WASHINGTON	22	54,117	23,378	1,247	13,526	11,542	66,194	2,505	380	1,023	61,873	2,501
WEST VIRGINIA	13	13,802	5,192	424	3,906	2,529	10,963	560	118	312	457	901
WISCONSIN	32	86,614	20,691	2,979	5,659	1,548	12,712	1,915	196	941	672	3,231
WYOMING	1	601	386	26	304	169	880	63	13	28	10	62

Table 9: Total number of library loan transactions by type of transaction, and number of circulation loan transactions of all libraries by State, and level and control of institution: 1988

A. ALL HIGHER EDUCATION INSTITUTIONAL LIBRARIES *

	Total number of libraries	------ Circulation ------		Loans provided to other libraries	Loans received from other libraries
		General collection	Reserve collection		
TOTAL 50 states & DC	3,438	156,414,104	43,457,640	5,590,321	3,672,852
ALABAMA	83	2,072,196	440,380	59,057	32,273
ALASKA	13	303,226	126,853	17,402	12,374
ARIZONA	34	2,352,566	370,287	76,767	36,522
ARKANSAS	36	1,251,156	175,089	37,736	26,446
CALIFORNIA	295	21,195,212	4,998,112	453,649	285,661
COLORADO	53	2,548,846	611,806	111,189	70,105
CONNECTICUT	49	1,464,463	553,104	72,500	43,171
DELAWARE	10	931,074	111,396	13,419	5,747
DISTRICT OF COLUMBIA	16	1,992,133	350,505	27,752	17,156
FLORIDA	95	3,999,398	1,270,656	162,761	102,082
GEORGIA	86	2,665,685	620,202	114,131	48,849
HAWAII	14	751,684	121,920	16,529	5,703
IDAHO	11	572,525	207,242	19,879	12,630
ILLINOIS	157	9,194,515	2,129,180	619,262	437,245
INDIANA	72	3,579,441	1,160,053	122,788	93,722
IOWA	58	2,358,232	920,504	115,025	60,337
KANSAS	56	2,146,757	1,000,929	92,827	66,840
KENTUCKY	46	2,269,341	479,177	63,448	49,928
LOUISIANA	34	1,881,046	479,415	53,679	47,274
MAINE	30	614,431	292,416	39,885	39,317
MARYLAND	57	2,132,093	867,763	89,275	63,298
MASSACHUSETTS	117	5,193,975	2,210,383	212,067	129,866
MICHIGAN	101	4,738,816	1,635,637	147,236	90,113
MINNESOTA	75	3,031,136	759,828	105,194	125,780
MISSISSIPPI	44	1,080,199	341,970	24,888	26,678
MISSOURI	87	2,894,129	702,476	124,379	83,223
MONTANA	18	388,438	183,327	21,073	16,653
NEBRASKA	35	1,361,439	260,096	48,689	29,607
NEVADA	8	361,541	112,536	12,992	9,402
NEW HAMPSHIRE	29	632,144	346,270	33,685	24,805
NEW JERSEY	60	3,543,560	722,953	106,180	64,655
NEW MEXICO	26	1,067,729	173,765	34,099	25,373
NEW YORK	325	11,789,230	4,986,852	475,296	303,030
NORTH CAROLINA	125	4,533,487	854,661	145,087	69,338
NORTH DAKOTA	19	637,767	139,784	35,471	40,558
OHIO	148	5,926,079	2,063,718	238,673	159,902
OKLAHOMA	46	1,866,173	403,307	80,614	51,243
OREGON	46	1,730,266	794,325	79,089	55,622
PENNSYLVANIA	210	6,725,216	1,923,523	279,730	202,117
RHODE ISLAND	11	1,039,573	280,624	28,227	16,746
SOUTH CAROLINA	63	1,866,071	363,123	43,132	35,186
SOUTH DAKOTA	19	422,523	96,720	18,630	18,507
TENNESSEE	83	2,687,643	490,663	58,645	46,121
TEXAS	168	11,420,600	2,427,636	328,530	185,450
UTAH	14	1,521,659	174,642	36,164	46,469
VERMONT	22	548,977	264,040	24,751	18,941
VIRGINIA	78	3,858,562	1,151,494	120,765	64,522
WASHINGTON	55	2,997,730	767,985	130,524	45,453
WEST VIRGINIA	29	2,107,947	167,502	23,521	19,857
WISCONSIN	63	3,828,104	1,290,385	166,699	98,839
WYOMING	9	337,371	80,426	27,331	12,116

* Institutions with accreditation at the higher education level recognized by the Secretary of Education, 1988

Table 9: Total number of library loan transactions by type of transaction, and number of circulation loan transactions of all libraries by State, and level and control of institution: 1988
B. TOTAL FOUR-YEAR HIGHER EDUCATION INSTITUTIONAL LIBRARIES

	Total number of libraries	Circulation		Loans provided to other libraries	Loans received from other libraries
		General collection	Reserve collection		
TOTAL 50 states & DC	2,081	132,039,173	37,056,013	5,293,993	3,305,267
ALABAMA	35	1,474,488	319,771	54,725	27,115
ALASKA	6	181,255	120,137	16,379	10,017
ARIZONA	15	1,865,872	279,479	69,242	23,376
ARKANSAS	20	1,014,442	157,689	36,627	22,662
CALIFORNIA	166	16,760,003	4,069,992	433,485	262,166
COLORADO	29	2,287,904	546,655	105,648	65,369
CONNECTICUT	29	1,348,147	514,855	68,342	38,946
DELAWARE	7	885,155	104,168	12,217	4,998
DISTRICT OF COLUMBIA	16	1,992,133	350,505	27,752	17,156
FLORIDA	53	2,707,953	930,028	156,023	92,256
GEORGIA	44	2,160,792	454,140	109,170	43,095
HAWAII	8	667,674	83,985	16,421	3,890
IDAHO	7	386,769	102,510	19,054	10,302
ILLINOIS	95	7,823,105	1,768,501	584,292	394,250
INDIANA	50	3,488,441	1,116,782	120,707	90,669
IOWA	37	2,060,666	835,825	110,515	53,739
KANSAS	32	1,853,160	958,285	86,861	59,582
KENTUCKY	31	2,001,938	413,925	60,137	45,546
LOUISIANA	24	1,818,900	462,784	52,775	46,508
MAINE	21	594,605	291,839	35,577	35,456
MARYLAND	35	1,761,668	760,104	84,892	55,781
MASSACHUSETTS	83	4,970,677	2,076,413	205,341	124,441
MICHIGAN	66	4,065,816	1,399,074	140,711	81,308
MINNESOTA	44	2,718,045	643,881	98,752	112,094
MISSISSIPPI	22	721,389	233,682	23,542	25,504
MISSOURI	65	2,617,711	641,606	122,097	80,542
MONTANA	9	348,301	160,366	20,446	15,990
NEBRASKA	23	1,239,244	224,529	46,517	26,085
NEVADA	4	317,077	98,585	11,845	7,347
NEW HAMPSHIRE	17	599,840	335,139	33,013	23,034
NEW JERSEY	37	2,714,450	608,085	95,970	56,801
NEW MEXICO	10	874,899	108,425	32,492	21,428
NEW YORK	239	10,667,935	4,379,793	439,788	267,837
NORTH CAROLINA	52	3,772,449	734,283	138,542	57,246
NORTH DAKOTA	9	529,989	129,409	32,444	38,239
OHIO	84	5,148,454	1,859,710	224,010	143,131
OKLAHOMA	28	1,612,835	319,612	78,641	47,738
OREGON	31	1,296,359	686,856	68,143	42,861
PENNSYLVANIA	131	5,956,469	1,570,592	260,018	185,508
RHODE ISLAND	10	1,003,096	265,181	27,765	15,907
SOUTH CAROLINA	32	1,541,345	286,563	40,763	30,177
SOUTH DAKOTA	16	406,866	92,695	18,273	17,774
TENNESSEE	51	2,434,413	402,473	54,432	42,323
TEXAS	95	9,507,649	1,876,595	314,383	169,649
UTAH	6	1,398,581	137,256	35,723	45,125
VERMONT	17	530,527	261,018	23,652	18,470
VIRGINIA	47	3,256,144	1,012,983	118,816	59,652
WASHINGTON	26	2,263,311	556,931	121,252	36,459
WEST VIRGINIA	22	944,220	151,310	22,782	17,442
WISCONSIN	44	3,224,352	1,104,739	158,410	84,845
WYOMING	1	221,660	56,270	24,589	7,431

Table 9: Total number of library loan transactions by type of transaction, and number of circulation loan transactions of all libraries by State, and level and control of institution: 1988

C. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS OFFERING DOCTORAL PROGRAMS

	Total number of libraries	------ Circulation ------		Loans provided to other libraries	Loans received from other libraries
		General collection	Reserve collection		
TOTAL 50 states & DC	466	83,400,501	22,986,800	3,783,540	1,943,905
ALABAMA	7	781,933	145,693	41,447	17,598
ALASKA	1	84,077	59,109	5,855	4,768
ARIZONA	3	1,692,445	168,388	65,203	17,889
ARKANSAS	2	161,727	72,615	16,660	7,838
CALIFORNIA	49	11,369,335	2,567,235	323,941	170,140
COLORADO	10	1,788,943	443,952	81,418	44,946
CONNECTICUT	7	856,518	315,609	43,208	20,292
DELAWARE	2	824,772	96,425	11,714	4,320
DISTRICT OF COLUMBIA	7	1,887,887	331,495	25,532	14,826
FLORIDA	14	1,750,429	673,513	120,659	70,216
GEORGIA	7	1,150,947	190,758	83,202	21,702
HAWAII	2	364,931	40,088	14,888	2,360
IDAHO	2	165,011	53,399	13,401	5,532
ILLINOIS	25	5,721,846	1,147,041	431,459	291,992
INDIANA	8	2,570,380	840,860	93,304	41,214
IOWA	6	1,499,065	540,437	84,004	23,642
KANSAS	3	1,137,904	833,126	46,312	27,907
KENTUCKY	7	869,499	250,917	40,560	28,235
LOUISIANA	10	1,150,980	314,335	45,933	38,818
MAINE	1	201,500	63,600	11,503	8,096
MARYLAND	9	947,883	587,740	66,375	38,986
MASSACHUSETTS	23	3,478,395	1,219,299	140,276	61,509
MICHIGAN	12	2,559,007	906,614	103,619	44,153
MINNESOTA	6	891,206	140,504	32,749	15,825
MISSISSIPPI	6	484,578	167,626	19,784	13,877
MISSOURI	14	1,318,772	339,939	85,583	48,468
MONTANA	2	246,917	88,047	14,327	8,903
NEBRASKA	3	707,035	130,213	26,844	12,001
NEVADA	2	308,266	96,065	11,639	7,039
NEW HAMPSHIRE	4	320,738	226,697	20,539	11,920
NEW JERSEY	10	1,677,117	464,939	68,757	37,971
NEW MEXICO	3	718,074	82,730	27,800	15,719
NEW YORK	50	5,339,823	2,370,204	253,043	127,155
NORTH CAROLINA	7	2,470,565	357,974	114,285	33,879
NORTH DAKOTA	2	334,439	108,536	23,318	28,512
OHIO	20	3,536,134	1,333,577	180,140	98,366
OKLAHOMA	6	835,007	234,630	59,183	33,421
OREGON	7	766,201	428,800	44,254	21,578
PENNSYLVANIA	23	2,899,008	628,014	140,345	86,406
RHODE ISLAND	2	689,670	194,570	20,628	12,273
SOUTH CAROLINA	7	956,342	140,099	30,737	16,230
SOUTH DAKOTA	4	127,243	34,795	10,067	9,564
TENNESSEE	12	1,731,781	223,921	45,811	31,845
TEXAS	30	7,064,012	1,399,891	258,770	118,781
UTAH	3	1,238,202	107,975	32,396	42,507
VERMONT	2	275,831	151,652	15,267	9,797
VIRGINIA	10	2,074,628	662,901	85,746	34,496
WASHINGTON	4	1,265,995	325,515	100,559	11,277
WEST VIRGINIA	2	263,459	55,430	12,450	6,330
WISCONSIN	7	1,622,384	573,038	113,457	35,355
WYOMING	1	221,660	56,270	24,589	7,431

Table 9: Total number of library loan transactions by type of transaction, and number of circulation loan transactions of all libraries by State, and level and control of institution: 1988

D. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH MASTER'S HIGHEST LEVEL OF OFFERING

	Total number of libraries	Circulation		Loans provided to other libraries	Loans received from other libraries
		General collection	Reserve collection		
TOTAL 50 states & DC	802	34,989,072	9,379,710	1,097,545	914,534
ALABAMA	18	580,760	141,147	13,000	9,017
ALASKA	2	79,830	56,188	10,112	4,723
ARIZONA	5	123,799	90,045	2,830	3,621
ARKANSAS	9	707,179	52,365	17,646	11,625
CALIFORNIA	72	4,970,508	1,324,337	101,688	83,299
COLORADO	9	244,283	55,238	13,247	8,370
CONNECTICUT	13	413,332	185,075	22,757	16,182
DELAWARE	2	25,360	2,789	132	397
DISTRICT OF COLUMBIA	6	89,036	13,775	2,074	2,071
FLORIDA	16	627,805	196,483	30,859	16,796
GEORGIA	22	807,387	196,662	23,331	18,686
HAWAII	2	16,781	357	23	3
IDAHO	3	195,632	34,035	5,209	2,581
ILLINOIS	38	1,703,861	466,366	127,939	79,493
INDIANA	21	515,102	181,911	15,461	38,139
IOWA	8	132,083	33,032	6,099	4,521
KANSAS	9	436,585	62,321	16,370	16,629
KENTUCKY	10	884,650	98,493	16,749	13,297
LOUISIANA	11	642,737	141,361	6,785	7,629
MAINE	6	108,894	57,051	8,043	10,949
MARYLAND	19	690,295	150,539	15,143	11,617
MASSACHUSETTS	34	1,077,016	406,999	42,295	44,242
MICHIGAN	21	1,029,107	332,331	24,399	21,043
MINNESOTA	14	1,003,264	263,186	34,295	50,505
MISSISSIPPI	9	183,164	53,519	3,496	11,044
MISSOURI	22	777,162	151,115	21,514	19,189
MONTANA	5	93,319	70,646	5,446	5,351
NEBRASKA	6	383,428	41,106	15,523	10,688
NEVADA	1	725	100	0	56
NEW HAMPSHIRE	6	161,328	51,198	6,755	5,737
NEW JERSEY	15	795,962	109,898	17,206	10,930
NEW MEXICO	5	146,397	22,766	4,483	5,316
NEW YORK	95	3,835,433	1,418,728	141,581	92,102
NORTH CAROLINA	18	839,013	240,194	19,107	16,356
NORTH DAKOTA	2	48,992	5,908	2,923	4,937
OHIO	24	741,196	151,253	21,323	17,652
OKLAHOMA	9	537,597	48,989	16,538	10,881
OREGON	15	418,525	211,157	20,996	17,972
PENNSYLVANIA	59	2,015,625	529,829	78,350	52,440
RHODE ISLAND	6	286,734	67,417	5,541	3,105
SOUTH CAROLINA	10	392,094	96,223	7,405	9,232
SOUTH DAKOTA	5	220,349	37,936	6,624	6,195
TENNESSEE	13	355,000	65,838	5,428	7,362
TEXAS	38	2,080,996	398,582	49,937	44,382
UTAH	3	160,379	29,281	3,327	2,618
VERMONT	10	210,963	98,851	7,193	7,579
VIRGINIA	15	790,492	258,676	21,675	13,753
WASHINGTON	14	848,597	197,841	14,687	18,897
WEST VIRGINIA	7	208,605	32,971	4,534	4,775
WISCONSIN	20	1,351,711	447,602	39,467	40,550
WYOMING	0	0	0	0	0

Table 9: Total number of library loan transactions by type of transaction, and number of circulation loan transactions of all libraries by State, and level and control of institution: 1988
E. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH BACCALAUREATE HIGHEST LEVEL OF OFFERING

	Total number of libraries	------ Circulation ------		Loans provided to other libraries	Loans received from other libraries
		General collection	Reserve collection		
TOTAL 50 states & DC	813	13,649,600	4,689,503	412,908	446,828
ALABAMA	10	111,795	32,931	278	500
ALASKA	3	17,348	4,840	412	526
ARIZONA	7	49,628	21,046	1,209	1,866
ARKANSAS	9	145,536	32,709	2,321	3,199
CALIFORNIA	45	420,160	178,420	7,856	8,727
COLORADO	10	254,678	47,465	10,983	12,053
CONNECTICUT	9	78,297	14,171	2,377	2,472
DELAWARE	3	35,023	4,954	371	281
DISTRICT OF COLUMBIA	3	15,210	5,235	146	259
FLORIDA	23	329,719	60,032	4,505	5,244
GEORGIA	15	202,458	66,720	2,637	2,707
HAWAII	4	285,962	43,540	1,510	1,527
IDAHO	2	26,126	15,076	444	2,189
ILLINOIS	32	397,398	155,094	24,894	22,765
INDIANA	21	402,959	94,011	11,942	11,316
IOWA	23	429,518	262,356	20,412	25,576
KANSAS	20	278,671	62,838	24,179	15,046
KENTUCKY	14	247,789	64,515	2,828	4,014
LOUISIANA	3	25,183	7,088	57	61
MAINE	14	284,211	171,188	16,031	16,411
MARYLAND	7	123,490	21,825	3,374	5,178
MASSACHUSETTS	26	415,266	450,115	22,770	18,690
MICHIGAN	33	477,702	160,129	12,693	16,112
MINNESOTA	24	823,575	240,191	31,708	45,764
MISSISSIPPI	7	53,647	12,537	262	583
MISSOURI	29	521,777	150,552	15,000	12,885
MONTANA	2	8,065	1,673	673	1,736
NEBRASKA	14	148,781	53,210	4,150	3,396
NEVADA	1	8,086	2,420	206	252
NEW HAMPSHIRE	7	117,774	57,244	5,719	5,377
NEW JERSEY	12	241,371	33,248	10,007	7,900
NEW MEXICO	2	10,428	2,929	209	393
NEW YORK	94	1,492,679	590,861	45,164	48,580
NORTH CAROLINA	27	462,871	136,115	5,150	7,011
NORTH DAKOTA	5	146,558	14,965	6,203	4,790
OHIO	40	871,124	374,880	22,547	27,113
OKLAHOMA	13	240,231	35,993	2,920	3,436
OREGON	9	111,633	46,899	2,893	3,311
PENNSYLVANIA	49	1,041,836	412,749	41,323	46,662
RHODE ISLAND	2	26,692	3,194	1,596	529
SOUTH CAROLINA	15	192,909	50,241	2,621	4,715
SOUTH DAKOTA	7	59,274	19,964	1,582	2,015
TENNESSEE	26	347,632	112,714	3,193	3,116
TEXAS	27	362,641	78,122	5,676	6,486
UTAH	0	0	0	0	0
VERMONT	5	43,733	10,515	1,192	1,094
VIRGINIA	22	391,024	91,406	11,395	11,403
WASHINGTON	8	148,719	33,575	6,006	6,285
WEST VIRGINIA	13	472,156	62,909	5,798	6,337
WISCONSIN	17	250,257	84,099	5,486	8,940
WYOMING	0	0	0	0	0

Table 9: Total number of library loan transactions by type of transaction, and number of circulation loan transactions of all libraries by State, and level and control of institution: 1988

F. LIBRARIES IN LESS THAN 4-YEAR HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Circulation		Loans provided to other libraries	Loans received from other libraries
		General collection	Reserve collection		
TOTAL 50 states & DC	1,357	24,374,931	6,401,627	296,328	367,585
ALABAMA	48	597,708	120,609	4,332	5,158
ALASKA	7	121,971	6,716	1,023	2,357
ARIZONA	19	486,694	90,808	7,525	13,146
ARKANSAS	16	236,714	17,400	1,109	3,784
CALIFORNIA	129	4,435,209	928,120	20,164	23,495
COLORADO	24	260,942	65,151	5,541	4,736
CONNECTICUT	20	116,316	38,249	4,158	4,225
DELAWARE	3	45,919	7,228	1,202	749
DISTRICT OF COLUMBIA	0	0	0	0	0
FLORIDA	42	1,291,445	340,628	6,738	9,826
GEORGIA	42	504,893	166,062	4,961	5,754
HAWAII	6	84,010	37,935	108	1,813
IDAHO	4	185,756	104,732	825	2,328
ILLINOIS	62	1,371,410	360,679	34,970	42,995
INDIANA	22	91,000	43,271	2,081	3,053
IOWA	21	297,566	84,679	4,510	6,598
KANSAS	24	293,597	42,644	5,966	7,258
KENTUCKY	15	267,403	65,252	3,311	4,382
LOUISIANA	10	62,146	16,631	904	766
MAINE	9	19,826	577	4,308	3,861
MARYLAND	22	370,425	107,659	4,383	7,517
MASSACHUSETTS	34	223,298	133,970	6,726	5,425
MICHIGAN	35	673,000	236,563	6,525	8,805
MINNESOTA	31	313,091	115,947	6,442	13,686
MISSISSIPPI	22	358,810	108,288	1,346	1,174
MISSOURI	22	276,418	60,870	2,282	2,681
MONTANA	9	40,137	22,961	627	663
NEBRASKA	12	122,195	35,567	2,172	3,522
NEVADA	4	44,464	13,951	1,147	2,055
NEW HAMPSHIRE	12	32,304	11,131	672	1,771
NEW JERSEY	23	829,110	114,868	10,210	7,854
NEW MEXICO	16	192,830	65,340	1,607	3,945
NEW YORK	86	1,121,295	607,059	35,508	35,193
NORTH CAROLINA	73	761,038	120,378	6,545	12,092
NORTH DAKOTA	10	107,778	10,375	3,027	2,319
OHIO	64	777,625	204,008	14,663	16,771
OKLAHOMA	18	253,338	83,695	1,973	3,505
OREGON	15	433,907	107,469	10,946	12,761
PENNSYLVANIA	79	768,747	352,931	19,712	16,609
RHODE ISLAND	1	36,477	15,443	462	839
SOUTH CAROLINA	31	324,726	76,560	2,369	5,009
SOUTH DAKOTA	3	15,657	4,025	357	733
TENNESSEE	32	253,230	88,190	4,213	3,798
TEXAS	73	1,912,951	551,041	14,147	15,801
UTAH	8	123,078	37,386	441	1,344
VERMONT	5	18,450	3,022	1,099	471
VIRGINIA	31	602,418	138,511	1,949	4,870
WASHINGTON	29	734,419	211,054	9,272	8,994
WEST VIRGINIA	7	1,163,727	16,192	739	2,415
WISCONSIN	19	603,752	185,646	8,289	13,994
WYOMING	8	115,711	24,156	2,742	4,685

Table 9: Total number of library loan transactions by type of transaction, and number of circulation loan transactions of all libraries by State, and level and control of institution: 1988

G. LIBRARIES IN PUBLIC HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Circulation		Loans provided to other libraries	Loans received from other libraries
		General collection	Reserve collection		
TOTAL 50 states & DC	1,539	106,446,837	26,484,592	3,799,801	2,285,717
ALABAMA	56	1,775,948	307,246	55,451	28,651
ALASKA	10	285,878	122,013	16,990	11,848
ARIZONA	19	2,162,478	254,135	72,219	30,590
ARKANSAS	20	977,289	136,919	33,741	23,251
CALIFORNIA	137	16,282,018	3,318,680	337,989	196,655
COLORADO	27	2,112,858	376,500	91,265	56,153
CONNECTICUT	25	577,108	181,440	38,343	21,976
DELAWARE	5	880,385	106,289	12,440	4,840
DISTRICT OF COLUMBIA	2	45,564	1,354	1,216	1,748
FLORIDA	38	2,879,538	841,555	131,591	71,137
GEORGIA	46	1,980,686	451,772	83,268	32,854
HAWAII	9	492,814	85,521	16,410	5,540
IDAHO	6	350,996	98,874	18,507	11,152
ILLINOIS	59	5,443,683	1,144,289	408,755	313,505
INDIANA	27	2,626,864	876,207	88,096	64,546
IOWA	19	1,662,591	586,888	82,959	23,834
KANSAS	30	1,859,638	931,058	82,003	53,337
KENTUCKY	9	1,512,717	276,613	46,689	37,323
LOUISIANA	20	1,446,795	421,831	40,729	34,503
MAINE	13	375,901	125,594	22,879	21,080
MARYLAND	34	1,710,324	610,785	64,400	34,541
MASSACHUSETTS	31	1,239,814	390,390	61,489	26,935
MICHIGAN	49	3,665,071	1,306,599	121,982	64,356
MINNESOTA	33	1,600,201	363,031	49,237	55,450
MISSISSIPPI	26	921,492	290,398	23,667	24,475
MISSOURI	25	1,570,349	355,246	77,160	44,415
MONTANA	12	354,490	178,384	20,079	14,137
NEBRASKA	20	959,590	148,617	41,065	23,696
NEVADA	6	352,730	110,016	12,786	9,094
NEW HAMPSHIRE	12	291,718	129,597	14,656	10,402
NEW JERSEY	33	2,209,992	410,118	73,812	41,351
NEW MEXICO	22	1,028,271	151,024	33,886	24,725
NEW YORK	90	5,209,409	1,864,211	220,015	106,718
NORTH CAROLINA	74	3,328,237	495,289	99,986	41,484
NORTH DAKOTA	15	564,941	134,282	32,134	37,443
OHIO	58	4,259,018	1,387,222	177,032	106,600
OKLAHOMA	28	1,448,115	328,271	65,744	39,578
OREGON	21	1,345,946	623,613	59,401	37,412
PENNSYLVANIA	61	3,614,621	922,289	104,868	68,190
RHODE ISLAND	3	247,341	70,636	14,235	9,352
SOUTH CAROLINA	33	1,464,260	249,038	37,263	28,966
SOUTH DAKOTA	7	311,720	53,827	12,498	12,733
TENNESSEE	24	1,540,459	261,233	30,206	26,615
TEXAS	103	9,549,065	1,996,346	247,810	142,024
UTAH	9	822,249	150,439	24,843	32,576
VERMONT	6	287,691	120,448	16,748	7,659
VIRGINIA	39	3,117,812	905,322	88,345	39,112
WASHINGTON	33	2,421,832	596,155	113,701	30,319
WEST VIRGINIA	16	1,949,595	127,055	20,338	15,488
WISCONSIN	31	2,997,535	1,032,694	131,746	73,380
WYOMING	8	331,200	77,239	27,129	11,968

Table 9: Total number of library loan transactions by type of transaction, and number of circulation loan transactions of all libraries by State, and level and control of institution: 1988

H. LIBRARIES IN PRIVATE HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Circulation: General collection	Circulation: Reserve collection	Loans provided to other libraries	Loans received from other libraries
TOTAL 50 states & DC	1,899	49,967,267	16,973,048	1,790,520	1,387,135
ALABAMA	27	296,248	133,134	3,606	3,622
ALASKA	3	17,348	4,840	412	526
ARIZONA	15	190,088	116,152	4,548	5,932
ARKANSAS	16	273,867	38,170	3,995	3,195
CALIFORNIA	158	4,913,194	1,679,432	115,660	89,006
COLORADO	26	435,988	235,306	19,924	13,952
CONNECTICUT	24	887,355	371,664	34,157	21,195
DELAWARE	5	50,689	5,107	979	907
DISTRICT OF COLUMBIA	14	1,946,569	349,151	26,536	15,408
FLORIDA	57	1,119,860	429,101	31,170	30,945
GEORGIA	40	684,999	168,430	30,863	15,995
HAWAII	5	258,870	36,399	119	163
IDAHO	5	221,529	108,368	1,372	1,478
ILLINOIS	98	3,750,832	984,891	210,507	123,740
INDIANA	45	952,577	283,846	34,692	29,176
IOWA	39	695,641	333,616	32,066	36,503
KANSAS	26	287,119	69,871	10,824	13,503
KENTUCKY	37	756,624	202,564	16,759	12,605
LOUISIANA	14	434,251	57,584	12,950	12,771
MAINE	17	238,530	166,822	17,006	18,237
MARYLAND	23	421,769	256,978	24,875	28,757
MASSACHUSETTS	86	3,954,161	1,819,993	150,578	102,931
MICHIGAN	52	1,073,745	329,038	25,254	25,757
MINNESOTA	42	1,430,935	396,797	55,957	70,330
MISSISSIPPI	18	158,707	51,572	1,221	2,203
MISSOURI	62	1,323,780	347,230	47,219	38,808
MONTANA	6	33,948	4,943	994	2,516
NEBRASKA	15	401,849	111,479	7,624	5,911
NEVADA	2	8,811	2,520	206	308
NEW HAMPSHIRE	17	340,426	216,673	19,029	14,403
NEW JERSEY	27	1,333,568	312,835	32,368	23,304
NEW MEXICO	4	39,458	22,741	213	648
NEW YORK	235	6,579,821	3,122,641	255,281	196,312
NORTH CAROLINA	51	1,205,250	359,372	45,101	27,854
NORTH DAKOTA	4	72,826	5,502	3,337	3,115
OHIO	90	1,667,061	676,496	61,641	53,302
OKLAHOMA	18	418,058	75,036	14,870	11,665
OREGON	25	384,320	170,712	19,688	18,210
PENNSYLVANIA	149	3,110,595	1,001,234	174,862	133,927
RHODE ISLAND	8	792,232	209,988	13,992	7,394
SOUTH CAROLINA	30	401,811	114,085	5,869	6,220
SOUTH DAKOTA	12	110,803	42,893	6,132	5,774
TENNESSEE	59	1,147,184	229,430	28,439	19,506
TEXAS	65	1,871,535	431,290	80,720	43,426
UTAH	5	699,410	24,203	11,321	13,893
VERMONT	16	261,286	143,592	8,003	11,282
VIRGINIA	39	740,750	246,172	32,420	25,410
WASHINGTON	22	575,898	171,830	16,823	15,134
WEST VIRGINIA	13	158,352	40,447	3,183	4,369
WISCONSIN	32	830,569	257,691	34,953	25,459
WYOMING	1	6,171	3,187	202	148

Table 10: Number of libraries by category of public service hours per typical week and public service hours per typical week of all libraries by State, and control and type of institution: 1988

A. ALL HIGHER EDUCATION INSTITUTIONAL LIBRARIES *

	Total number of libraries	All libraries	Less than 20	20 to 39	40 to 59	60 to 79	80 to 99	100 to 119	120 or more
TOTAL 50 states & DC	3,438	268,912	30	53	459	1,612	941	285	58
ALABAMA	83	5,472	4	1	13	54	8	2	1
ALASKA	13	920	0	0	1	8	4	0	0
ARIZONA	34	3,092	1	0	3	19	7	2	2
ARKANSAS	36	2,536	0	2	3	20	10	1	0
CALIFORNIA	295	21,571	3	3	48	154	64	19	4
COLORADO	53	3,877	0	0	14	21	15	3	0
CONNECTICUT	49	3,547	0	1	15	12	14	7	0
DELAWARE	10	835	0	0	0	4	4	1	1
DISTRICT OF COLUMBIA	16	1,393	0	0	4	4	3	3	2
FLORIDA	95	7,120	1	0	13	48	25	7	1
GEORGIA	86	6,584	1	1	13	46	20	2	3
HAWAII	14	977	0	0	6	2	6	0	0
IDAHO	11	892	0	0	0	4	6	1	0
ILLINOIS	157	11,815	2	0	23	73	45	14	0
INDIANA	72	5,500	0	2	10	25	28	7	0
IOWA	58	4,650	0	0	12	16	21	6	3
KANSAS	56	4,084	0	0	4	38	13	1	0
KENTUCKY	46	3,529	0	0	7	21	16	2	0
LOUISIANA	34	2,491	2	0	6	10	14	2	0
MAINE	30	2,234	0	3	3	8	12	4	0
MARYLAND	57	4,331	0	1	7	24	21	4	0
MASSACHUSETTS	117	9,200	0	4	19	33	36	25	0
MICHIGAN	101	13,750	2	2	12	51	19	11	4
MINNESOTA	75	5,860	0	1	8	34	23	9	0
MISSISSIPPI	44	3,055	0	1	6	26	10	0	1
MISSOURI	87	6,438	0	4	14	31	32	6	0
MONTANA	18	1,222	2	0	3	9	3	0	1
NEBRASKA	35	2,600	2	0	1	18	12	1	1
NEVADA	8	565	0	0	1	5	2	0	0
NEW HAMPSHIRE	29	2,200	0	1	9	4	9	6	0
NEW JERSEY	60	4,584	1	0	9	25	19	4	2
NEW MEXICO	26	1,723	0	1	8	12	2	3	0
NEW YORK	325	24,977	1	6	34	161	81	34	8
NORTH CAROLINA	125	9,442	0	0	8	82	22	8	5
NORTH DAKOTA	19	1,519	0	0	4	11	2	0	2
OHIO	148	10,927	2	4	22	68	35	17	0
OKLAHOMA	46	3,317	0	1	7	26	9	3	0
OREGON	46	3,605	0	1	3	27	9	3	3
PENNSYLVANIA	210	16,280	2	2	29	85	70	19	3
RHODE ISLAND	11	966	0	0	2	1	5	2	1
SOUTH CAROLINA	63	4,578	0	3	8	31	17	3	1
SOUTH DAKOTA	19	1,461	0	0	2	9	7	1	0
TENNESSEE	83	9,446	0	1	8	49	20	2	3
TEXAS	168	12,651	2	2	12	84	57	10	1
UTAH	14	1,076	0	0	1	8	3	2	0
VERMONT	22	1,901	0	1	0	9	8	3	1
VIRGINIA	78	6,180	1	1	9	28	27	11	1
WASHINGTON	55	3,911	1	1	8	29	12	3	1
WEST VIRGINIA	29	2,159	0	1	1	16	10	1	0
WISCONSIN	63	5,216	0	1	5	24	22	9	2
WYOMING	9	653	0	0	1	5	2	1	0

* Institutions with accreditation at the higher education level recognized by the Secretary of Education, 1988

Table 10: Number of libraries by category of public service hours per typical week and public service hours per typical week of all libraries by State, and control and type of institution: 1988

B. TOTAL FOUR-YEAR HIGHER EDUCATION INSTITUTIONAL LIBRARIES

	Total number of libraries	All libraries	Less than 20	20 to 39	40 to 59	60 to 79	80 to 99	100 to 119	120 or more
TOTAL 50 states & DC	2,081	172,002	11	23	130	712	888	279	38
ALABAMA	35	2,739	0	0	0	24	8	2	1
ALASKA	6	478	0	0	0	3	3	0	0
ARIZONA	15	1,344	0	0	1	5	6	2	1
ARKANSAS	20	1,582	0	0	1	8	10	1	0
CALIFORNIA	166	13,154	1	2	16	65	62	19	1
COLORADO	29	2,376	0	0	2	10	14	3	0
CONNECTICUT	29	2,326	0	1	4	5	12	7	0
DELAWARE	7	574	0	0	0	2	4	1	0
DISTRICT OF COLUMBIA	16	1,393	0	0	4	4	3	3	2
FLORIDA	53	4,312	0	0	3	19	24	7	0
GEORGIA	44	3,883	0	0	3	16	20	2	3
HAWAII	8	607	0	0	2	1	5	0	0
IDAHO	7	595	0	0	0	1	5	1	0
ILLINOIS	95	7,628	2	0	11	26	43	13	0
INDIANA	50	4,206	0	0	1	15	27	7	0
IOWA	37	3,229	0	0	3	6	21	6	1
KANSAS	32	2,489	0	0	1	19	11	1	0
KENTUCKY	31	2,503	0	0	2	11	16	2	0
LOUISIANA	24	1,979	1	0	0	7	14	2	0
MAINE	21	1,827	0	0	0	5	12	4	0
MARYLAND	35	2,868	0	0	3	9	19	4	0
MASSACHUSETTS	83	6,958	0	2	11	13	33	24	0
MICHIGAN	66	5,141	1	2	5	27	19	11	1
MINNESOTA	44	3,802	0	1	1	10	23	9	0
MISSISSIPPI	22	1,708	0	0	3	9	9	0	1
MISSOURI	65	5,113	0	3	4	21	31	6	0
MONTANA	9	779	0	0	0	5	3	0	1
NEBRASKA	23	1,846	1	0	1	7	12	1	1
NEVADA	4	314	0	0	0	2	2	0	0
NEW HAMPSHIRE	17	1,536	0	0	0	2	9	6	0
NEW JERSEY	37	3,004	1	0	3	10	17	4	2
NEW MEXICO	10	787	0	1	0	4	2	3	0
NEW YORK	239	19,354	1	3	14	108	74	32	7
NORTH CAROLINA	52	4,582	0	0	1	18	22	8	3
NORTH DAKOTA	9	858	0	0	0	7	1	0	1
OHIO	84	6,944	1	0	4	27	35	17	0
OKLAHOMA	28	2,140	0	1	3	13	8	3	0
OREGON	31	2,594	0	1	2	13	9	3	3
PENNSYLVANIA	131	10,981	1	1	7	35	66	18	3
RHODE ISLAND	10	911	0	0	1	1	5	2	1
SOUTH CAROLINA	32	2,582	0	0	2	11	17	2	0
SOUTH DAKOTA	16	1,256	0	0	1	8	6	1	0
TENNESSEE	51	4,842	0	0	4	23	20	2	2
TEXAS	95	7,845	1	1	4	31	47	10	1
UTAH	6	524	0	0	0	1	3	2	0
VERMONT	17	1,431	0	1	0	6	7	3	0
VIRGINIA	47	4,275	0	0	1	8	26	11	1
WASHINGTON	26	2,166	0	1	0	9	12	3	1
WEST VIRGINIA	22	1,704	0	1	0	10	10	1	0
WISCONSIN	44	3,833	0	1	1	12	21	9	0
WYOMING	1	100	0	0	0	0	0	1	0

Table 10: Number of libraries by category of public service hours per typical week and public service hours per typical week of all libraries by State, and control and type of institution: 1988

C. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS OFFERING DOCTORAL PROGRAMS

	Total number of libraries	All libraries	Less than 20	20 to 39	40 to 59	60 to 79	80 to 99	100 to 119	120 or more
TOTAL 50 states & DC	466	43,328	0	2	22	58	212	153	19
ALABAMA	7	599	0	0	0	2	4	1	0
ALASKA	1	93	0	0	0	0	1	0	0
ARIZONA	3	327	0	0	0	0	1	2	0
ARKANSAS	2	208	0	0	0	0	1	1	0
CALIFORNIA	49	4,279	0	0	6	6	24	13	0
COLORADO	10	915	0	0	0	1	6	3	0
CONNECTICUT	7	650	0	0	1	0	3	3	0
DELAWARE	2	188	0	0	0	0	1	1	0
DISTRICT OF COLUMBIA	7	795	0	0	0	1	1	3	2
FLORIDA	14	1,333	0	0	0	1	7	6	0
GEORGIA	7	674	0	0	0	1	4	2	0
HAWAII	2	143	0	0	1	0	1	0	0
IDAHO	2	196	0	0	0	0	1	1	0
ILLINOIS	25	2,064	0	0	6	4	8	7	0
INDIANA	8	750	0	0	0	1	3	4	0
IOWA	6	580	0	0	1	0	1	3	1
KANSAS	3	277	0	0	0	0	2	1	0
KENTUCKY	7	607	0	0	0	3	3	1	0
LOUISIANA	10	882	0	0	0	2	6	2	0
MAINE	1	106	0	0	0	0	0	1	0
MARYLAND	9	767	0	0	0	2	6	1	0
MASSACHUSETTS	23	2,155	0	1	0	1	9	12	0
MICHIGAN	12	1,088	0	0	2	2	1	6	1
MINNESOTA	6	486	0	0	1	2	2	1	0
MISSISSIPPI	6	538	0	0	0	0	6	0	0
MISSOURI	14	1,199	0	0	1	3	7	3	0
MONTANA	2	219	0	0	0	1	0	0	1
NEBRASKA	3	368	0	0	0	0	1	1	1
NEVADA	2	184	0	0	0	0	2	0	0
NEW HAMPSHIRE	4	376	0	0	0	1	0	3	0
NEW JERSEY	10	958	0	0	0	0	6	3	1
NEW MEXICO	3	283	0	0	0	1	0	2	0
NEW YORK	50	4,574	0	1	1	9	24	11	4
NORTH CAROLINA	7	795	0	0	0	1	0	4	2
NORTH DAKOTA	2	350	0	0	0	0	1	0	1
OHIO	20	1,869	0	0	0	2	9	9	0
OKLAHOMA	6	597	0	0	0	0	3	3	0
OREGON	7	590	0	0	1	1	3	2	0
PENNSYLVANIA	23	2,213	0	0	0	5	8	8	2
RHODE ISLAND	2	222	0	0	0	0	0	1	1
SOUTH CAROLINA	7	635	0	0	0	0	5	2	0
SOUTH DAKOTA	4	356	0	0	0	1	2	1	0
TENNESSEE	12	1,142	0	0	0	2	7	2	1
TEXAS	30	2,909	0	0	0	1	19	9	1
UTAH	3	294	0	0	0	0	1	2	0
VERMONT	2	216	0	0	0	0	0	2	0
VIRGINIA	10	944	0	0	0	0	8	2	0
WASHINGTON	4	399	0	0	0	0	2	2	0
WEST VIRGINIA	2	192	0	0	0	0	1	1	0
WISCONSIN	7	644	0	0	1	1	1	4	0
WYOMING	1	100	0	0	0	0	0	1	0

Table 10: Number of libraries by category of public service hours per typical week and public service hours per typical week of all libraries by State, and control and type of institution: 1988
D. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH MASTER'S HIGHEST LEVEL OF OFFERING

	Total number of libraries	All libraries	Less than 20	20 to 39	40 to 59	60 to 79	80 to 99	100 to 119	120 or more
TOTAL 50 states & DC	802	66,722	3	10	38	263	416	59	13
ALABAMA	18	1,436	0	0	0	12	4	1	1
ALASKA	2	157	0	0	0	1	1	0	0
ARIZONA	5	419	0	0	0	2	3	0	0
ARKANSAS	9	702	0	0	0	4	5	0	0
CALIFORNIA	72	5,683	0	2	5	29	31	4	1
COLORADO	9	727	0	0	1	3	5	0	0
CONNECTICUT	13	1,151	0	0	0	1	8	4	0
DELAWARE	2	156	0	0	0	1	1	0	0
DISTRICT OF COLUMBIA	6	383	0	0	3	2	1	0	0
FLORIDA	16	1,324	0	0	0	6	9	1	0
GEORGIA	22	2,159	0	0	0	7	12	0	3
HAWAII	2	145	0	0	0	1	1	0	0
IDAHO	3	257	0	0	0	0	3	0	0
ILLINOIS	38	3,035	0	0	3	15	19	1	0
INDIANA	21	1,720	0	0	1	7	12	1	0
IOWA	8	625	0	0	1	2	5	0	0
KANSAS	9	727	0	0	0	5	4	0	0
KENTUCKY	10	863	0	0	0	1	8	1	0
LOUISIANA	11	849	1	0	0	3	7	0	0
MAINE	6	523	0	0	0	1	5	0	0
MARYLAND	19	1,597	0	0	1	4	12	2	0
MASSACHUSETTS	34	2,810	0	0	6	4	18	6	0
MICHIGAN	21	1,723	0	1	0	6	13	1	0
MINNESOTA	14	1,296	0	0	0	0	11	3	0
MISSISSIPPI	9	724	0	0	1	4	3	0	1
MISSOURI	22	1,752	0	1	1	7	10	3	0
MONTANA	5	393	0	0	0	3	2	0	0
NEBRASKA	6	508	0	0	0	2	4	0	0
NEVADA	1	61	0	0	0	1	0	0	0
NEW HAMPSHIRE	6	537	0	0	0	1	3	2	0
NEW JERSEY	15	1,189	1	0	0	5	7	1	1
NEW MEXICO	5	370	0	1	0	1	2	1	0
NEW YORK	95	7,741	0	1	4	43	35	12	0
NORTH CAROLINA	18	1,599	0	0	0	4	13	0	1
NORTH DAKOTA	2	149	0	0	0	2	0	0	0
OHIO	24	1,912	0	0	2	9	12	1	0
OKLAHOMA	9	691	0	0	0	6	3	0	0
OREGON	15	1,344	0	0	0	7	5	1	2
PENNSYLVANIA	59	4,790	1	1	4	13	35	4	1
RHODE ISLAND	6	543	0	0	0	1	4	1	0
SOUTH CAROLINA	10	827	0	0	0	2	8	0	0
SOUTH DAKOTA	5	416	0	0	0	2	3	0	0
TENNESSEE	13	1,759	0	0	3	4	5	0	1
TEXAS	38	3,054	0	1	1	12	23	1	0
UTAH	3	230	0	0	0	1	2	0	0
VERMONT	10	819	0	1	0	3	5	1	0
VIRGINIA	15	1,311	0	0	1	2	10	2	0
WASHINGTON	14	1,218	0	0	0	5	7	1	1
WEST VIRGINIA	7	560	0	0	0	3	4	0	0
WISCONSIN	20	1,758	0	1	0	3	13	3	0
WYOMING	0	0	0	0	0	0	0	0	0

Table 10: Number of libraries by category of public service hours per typical week and public service hours per typical week of all libraries by State, and control and type of institution: 1988

E. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH BACCALAUREATE HIGHEST LEVEL OF OFFERING

	Total number of libraries	All libraries	Less than 20	20 to 39	40 to 59	60 to 79	80 to 99	100 to 119	120 or more
TOTAL 50 states & DC	813	61,952	8	11	70	391	260	67	6
ALABAMA	10	704	0	0	0	10	0	0	0
ALASKA	3	228	0	0	0	2	1	0	0
ARIZONA	7	598	0	0	1	3	2	0	1
ARKANSAS	9	672	0	0	1	4	4	0	0
CALIFORNIA	45	3,192	1	0	5	30	7	2	0
COLORADO	10	734	0	0	1	6	3	0	0
CONNECTICUT	9	525	0	1	3	4	1	0	0
DELAWARE	3	230	0	0	0	1	2	0	0
DISTRICT OF COLUMBIA	3	215	0	0	1	1	1	0	0
FLORIDA	23	1,655	0	0	3	12	8	0	0
GEORGIA	15	1,050	0	0	3	8	4	0	0
HAWAII	4	319	0	0	1	0	3	0	0
IDAHO	2	142	0	0	0	1	1	0	0
ILLINOIS	32	2,529	2	0	2	7	16	5	0
INDIANA	21	1,736	0	0	0	7	12	2	0
IOWA	23	2,024	0	0	1	4	15	3	0
KANSAS	20	1,485	0	0	1	14	5	0	0
KENTUCKY	14	1,033	0	0	2	7	5	0	0
LOUISIANA	3	248	0	0	0	2	1	0	0
MAINE	14	1,198	0	0	0	4	7	3	0
MARYLAND	7	504	0	0	2	3	1	1	0
MASSACHUSETTS	26	1,993	0	1	5	8	6	6	0
MICHIGAN	33	2,330	1	1	3	19	5	4	0
MINNESOTA	24	2,020	0	1	0	8	10	5	0
MISSISSIPPI	7	446	0	0	2	5	0	0	0
MISSOURI	29	2,162	0	2	2	11	14	0	0
MONTANA	2	167	0	0	0	1	1	0	0
NEBRASKA	14	970	1	0	1	5	7	0	0
NEVADA	1	69	0	0	0	1	0	0	0
NEW HAMPSHIRE	7	623	0	0	0	0	6	1	0
NEW JERSEY	12	857	0	0	3	5	4	0	0
NEW MEXICO	2	134	0	0	0	2	0	0	0
NEW YORK	94	7,039	1	1	9	56	15	9	3
NORTH CAROLINA	27	2,188	0	0	1	13	9	4	0
NORTH DAKOTA	5	359	0	0	0	5	0	0	0
OHIO	40	3,163	1	0	2	16	14	7	0
OKLAHOMA	13	852	0	1	3	7	2	0	0
OREGON	9	660	0	1	1	5	1	0	1
PENNSYLVANIA	49	3,978	0	0	3	17	23	6	0
RHODE ISLAND	2	146	0	0	1	0	1	0	0
SOUTH CAROLINA	15	1,120	0	0	2	9	4	0	0
SOUTH DAKOTA	7	484	0	0	1	5	1	0	0
TENNESSEE	26	1,941	0	0	1	17	8	0	0
TEXAS	27	1,882	1	0	3	18	5	0	0
UTAH	0	0	0	0	0	0	0	0	0
VERMONT	5	396	0	0	0	3	2	0	0
VIRGINIA	22	2,020	0	0	0	6	8	7	1
WASHINGTON	8	549	0	1	0	4	3	0	0
WEST VIRGINIA	13	952	0	1	0	7	5	0	0
WISCONSIN	17	1,431	0	0	0	8	7	2	0
WYOMING	0	0	0	0	0	0	0	0	0

Table 10: Number of libraries by category of public service hours per typical week and public service hours per typical week of all libraries by State, and control and type of institution: 1988

F. LIBRARIES IN LESS THAN 4-YEAR HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	All libraries	Less than 20	20 to 39	40 to 59	60 to 79	80 to 99	100 to 119	120 or more
TOTAL 50 states & DC	1,357	96,910	19	30	329	900	53	6	20
ALABAMA	48	2,733	4	1	13	30	0	0	0
ALASKA	7	442	0	0	1	5	1	0	0
ARIZONA	19	1,748	1	0	2	14	1	0	1
ARKANSAS	16	954	0	2	2	12	0	0	0
CALIFORNIA	129	8,417	2	1	32	89	2	0	3
COLORADO	24	1,501	0	0	12	11	1	0	0
CONNECTICUT	20	1,221	0	0	11	7	2	0	0
DELAWARE	3	261	0	0	0	2	0	0	1
DISTRICT OF COLUMBIA	0	0	0	0	0	0	0	0	0
FLORIDA	42	2,808	1	0	10	29	1	0	1
GEORGIA	42	2,701	1	1	10	30	0	0	0
HAWAII	6	370	0	0	4	1	1	0	0
IDAHO	4	297	0	0	0	3	1	0	0
ILLINOIS	62	4,187	0	0	12	47	2	1	0
INDIANA	22	1,294	0	2	9	10	1	0	0
IOWA	21	1,421	0	0	9	10	0	0	2
KANSAS	24	1,595	0	0	3	19	2	0	0
KENTUCKY	15	1,026	0	0	5	10	0	0	0
LOUISIANA	10	512	1	0	6	3	0	0	0
MAINE	9	407	0	3	3	3	0	0	0
MARYLAND	22	1,463	0	1	4	15	2	0	0
MASSACHUSETTS	34	2,242	0	2	8	20	3	1	0
MICHIGAN	35	8,609	1	0	7	24	0	0	3
MINNESOTA	31	2,058	0	0	7	24	0	0	0
MISSISSIPPI	22	1,347	0	1	3	17	1	0	0
MISSOURI	22	1,325	0	1	10	10	1	0	0
MONTANA	9	443	2	0	3	4	0	0	0
NEBRASKA	12	754	1	0	0	11	0	0	0
NEVADA	4	251	0	0	1	3	0	0	0
NEW HAMPSHIRE	12	664	0	1	9	2	0	0	0
NEW JERSEY	23	1,580	0	0	6	15	2	0	0
NEW MEXICO	16	936	0	0	8	8	0	0	0
NEW YORK	86	5,623	0	3	20	53	7	2	1
NORTH CAROLINA	73	4,860	0	0	7	64	0	0	2
NORTH DAKOTA	10	661	0	0	4	4	1	0	1
OHIO	64	3,983	1	4	18	41	0	0	0
OKLAHOMA	18	1,177	0	0	4	13	1	0	0
OREGON	15	1,011	0	0	1	14	0	0	0
PENNSYLVANIA	79	5,299	1	1	22	50	4	1	0
RHODE ISLAND	1	55	0	0	1	0	0	0	0
SOUTH CAROLINA	31	1,996	0	3	6	20	0	1	1
SOUTH DAKOTA	3	205	0	0	1	1	1	0	0
TENNESSEE	32	4,604	0	1	4	26	0	0	1
TEXAS	73	4,806	1	1	8	53	10	0	0
UTAH	8	552	0	0	1	7	0	0	0
VERMONT	5	470	0	0	0	3	1	0	1
VIRGINIA	31	1,905	1	1	8	20	1	0	0
WASHINGTON	29	1,745	1	0	8	20	0	0	0
WEST VIRGINIA	7	455	0	0	1	6	0	0	0
WISCONSIN	19	1,383	0	0	4	12	1	0	2
WYOMING	8	553	0	0	1	5	2	0	0

Table 10: Number of libraries by category of public service hours per typical week and public service hours per typical week of all libraries by State, and control and type of institution: 1988

G. LIBRARIES IN PUBLIC HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	All libraries	Less than 20	20 to 39	40 to 59	60 to 79	80 to 99	100 to 119	120 or more
TOTAL 50 states & DC	1,539	122,326	8	5	184	834	370	103	35
ALABAMA	56	3,604	4	1	9	33	7	1	1
ALASKA	10	692	0	0	1	6	3	0	0
ARIZONA	19	1,925	0	0	1	13	2	2	1
ARKANSAS	20	1,479	0	0	0	13	6	1	0
CALIFORNIA	137	9,877	0	0	22	82	22	8	3
COLORADO	27	2,073	0	0	4	10	11	2	0
CONNECTICUT	25	1,653	0	0	11	7	7	0	0
DELAWARE	5	459	0	0	0	2	1	1	1
DISTRICT OF COLUMBIA	2	122	0	0	1	1	0	0	0
FLORIDA	38	2,962	0	0	0	27	6	4	1
GEORGIA	46	3,462	0	0	4	29	12	1	0
HAWAII	9	603	0	0	5	1	3	0	0
IDAHO	6	504	0	0	0	2	3	1	0
ILLINOIS	59	4,202	0	0	6	44	6	3	0
INDIANA	27	1,979	0	1	4	13	6	3	0
IOWA	19	1,432	0	0	6	8	0	2	3
KANSAS	30	2,161	0	0	3	18	8	1	0
KENTUCKY	9	813	0	0	0	1	6	2	0
LOUISIANA	20	1,487	1	0	3	4	11	1	0
MAINE	13	975	0	0	2	5	5	1	0
MARYLAND	34	2,613	0	0	3	17	12	2	0
MASSACHUSETTS	31	2,355	0	0	4	15	9	3	0
MICHIGAN	49	9,963	1	0	8	23	8	5	4
MINNESOTA	33	2,358	0	0	5	19	8	1	0
MISSISSIPPI	26	1,947	0	0	2	14	9	0	1
MISSOURI	25	1,933	0	0	6	7	9	3	0
MONTANA	12	910	0	0	3	6	2	0	1
NEBRASKA	20	1,470	1	0	1	13	4	0	1
NEVADA	6	435	0	0	1	3	2	0	0
NEW HAMPSHIRE	12	830	0	0	7	1	2	2	0
NEW JERSEY	33	2,595	0	0	3	15	13	2	0
NEW MEXICO	22	1,480	0	0	8	9	2	3	0
NEW YORK	90	6,887	0	1	5	51	25	6	2
NORTH CAROLINA	74	5,416	0	0	3	56	8	3	4
NORTH DAKOTA	15	1,260	0	0	3	8	2	0	2
OHIO	58	4,315	0	0	7	37	5	9	0
OKLAHOMA	28	2,048	0	0	2	20	5	1	0
OREGON	21	1,613	0	0	1	13	4	2	1
PENNSYLVANIA	61	4,791	0	0	5	32	19	3	2
RHODE ISLAND	3	268	0	0	1	0	1	0	1
SOUTH CAROLINA	33	2,459	0	0	5	15	9	3	1
SOUTH DAKOTA	7	578	0	0	1	1	4	1	0
TENNESSEE	24	2,719	0	0	0	14	7	1	2
TEXAS	103	7,880	0	1	4	54	37	6	1
UTAH	9	713	0	0	0	5	3	1	0
VERMONT	6	524	0	0	0	2	3	1	0
VIRGINIA	39	2,915	0	0	6	19	11	3	0
WASHINGTON	33	2,197	1	0	6	20	5	1	0
WEST VIRGINIA	16	1,193	0	1	0	8	6	1	0
WISCONSIN	31	2,601	0	0	2	13	9	5	2
WYOMING	8	596	0	0	0	5	2	1	0

Table 10: Number of libraries by category of public service hours per typical week and public service hours per typical week of all libraries by State, and control and type of institution: 1988

H. LIBRARIES IN PRIVATE HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	All libraries	Less than 20	20 to 39	40 to 59	60 to 79	80 to 99	100 to 119	120 or more
TOTAL 50 states & DC	1,899	146,586	22	48	275	778	571	182	23
ALABAMA	27	1,868	0	0	4	21	1	1	0
ALASKA	3	228	0	0	0	2	1	0	0
ARIZONA	15	1,167	1	0	2	6	5	0	1
ARKANSAS	16	1,057	0	2	3	7	4	0	0
CALIFORNIA	158	11,694	3	3	26	72	42	11	1
COLORADO	26	1,804	0	0	10	11	4	1	0
CONNECTICUT	24	1,894	0	1	4	5	7	7	0
DELAWARE	5	376	0	0	0	2	3	0	0
DISTRICT OF COLUMBIA	14	1,271	0	0	3	3	3	3	2
FLORIDA	57	4,158	1	0	13	21	19	3	0
GEORGIA	40	3,122	1	1	9	17	8	1	3
HAWAII	5	374	0	0	1	1	3	0	0
IDAHO	5	388	0	0	0	2	3	0	0
ILLINOIS	98	7,613	2	0	17	29	39	11	0
INDIANA	45	3,521	0	1	6	12	22	4	0
IOWA	39	3,218	0	0	6	8	21	4	0
KANSAS	26	1,923	0	0	1	20	5	0	0
KENTUCKY	37	2,716	0	0	7	20	10	0	0
LOUISIANA	14	1,004	1	0	3	6	3	1	0
MAINE	17	1,259	0	3	1	3	7	3	0
MARYLAND	23	1,718	0	1	4	7	9	2	0
MASSACHUSETTS	86	6,845	0	4	15	18	27	22	0
MICHIGAN	52	3,787	1	2	4	28	11	6	0
MINNESOTA	42	3,502	0	1	3	15	15	8	0
MISSISSIPPI	18	1,108	0	1	4	12	1	0	0
MISSOURI	62	4,505	0	4	8	24	23	3	0
MONTANA	6	312	2	0	0	3	1	0	0
NEBRASKA	15	1,130	1	0	0	5	8	1	0
NEVADA	2	130	0	0	0	2	0	0	0
NEW HAMPSHIRE	17	1,370	0	1	2	3	7	4	0
NEW JERSEY	27	1,989	1	0	6	10	6	2	2
NEW MEXICO	4	243	0	1	0	3	0	0	0
NEW YORK	235	18,090	1	5	29	110	56	28	6
NORTH CAROLINA	51	4,026	0	0	5	26	14	5	1
NORTH DAKOTA	4	259	0	0	1	3	0	0	0
OHIO	90	6,612	2	4	15	31	30	8	0
OKLAHOMA	18	1,269	0	1	5	6	4	2	0
OREGON	25	1,992	0	1	2	14	5	1	2
PENNSYLVANIA	149	11,489	2	2	24	53	51	16	1
RHODE ISLAND	8	698	0	0	1	1	4	2	0
SOUTH CAROLINA	30	2,119	0	3	3	16	8	0	0
SOUTH DAKOTA	12	883	0	0	1	8	3	0	0
TENNESSEE	59	6,727	0	1	8	35	13	1	1
TEXAS	65	4,771	2	1	8	30	20	4	0
UTAH	5	363	0	0	1	3	0	1	0
VERMONT	16	1,377	0	1	0	7	5	2	1
VIRGINIA	39	3,265	1	1	3	9	16	8	1
WASHINGTON	22	1,714	0	1	2	9	7	2	1
WEST VIRGINIA	13	966	0	0	1	8	4	0	0
WISCONSIN	32	2,615	0	1	3	11	13	4	0
WYOMING	1	57	0	0	1	0	0	0	0

Table 11: Number of individuals served per week by type of library service and number of reference transactions and online databases searches of all libraries by State, and level and control of institution: 1988

A. ALL HIGHER EDUCATION INSTITUTIONAL LIBRARIES *

					-- Information service -- --- to groups ---	
	Total number of libraries	Attendance in library	Reference transactions	Online database searches	Number of presentation	Number of persons served
TOTAL 50 states & DC	3,438	14,235,308	1,625,465	70,044	13,941	298,899
ALABAMA	83	194,530	28,532	980	414	7,955
ALASKA	13	32,696	10,139	1,471	23	416
ARIZONA	34	178,514	14,626	325	161	3,356
ARKANSAS	36	90,092	7,762	259	75	5,430
CALIFORNIA	295	1,155,576	149,146	6,438	989	23,336
COLORADO	53	218,251	22,173	711	189	3,644
CONNECTICUT	49	133,457	15,403	517	126	3,326
DELAWARE	10	53,523	4,564	37	38	547
DISTRICT OF COLUMBIA	16	136,373	15,607	917	62	1,082
FLORIDA	95	1,067,852	78,786	1,426	1,135	25,631
GEORGIA	86	336,201	32,076	1,424	387	9,428
HAWAII	14	76,339	7,692	80	35	869
IDAHO	11	58,941	4,955	68	45	860
ILLINOIS	157	720,006	139,941	2,529	540	9,091
INDIANA	72	405,538	46,333	1,062	213	3,768
IOWA	58	266,860	13,208	273	176	4,087
KANSAS	56	145,286	13,400	333	113	2,590
KENTUCKY	46	177,029	20,394	476	346	9,365
LOUISIANA	34	197,701	23,711	510	155	3,006
MAINE	30	91,633	5,193	161	48	817
MARYLAND	57	158,606	21,087	2,816	92	1,878
MASSACHUSETTS	117	515,724	49,390	2,463	424	8,060
MICHIGAN	101	421,388	44,184	4,313	739	14,172
MINNESOTA	75	255,623	25,323	8,808	283	5,828
MISSISSIPPI	44	150,639	16,378	230	224	5,384
MISSOURI	87	303,207	96,788	838	228	4,352
MONTANA	18	50,829	3,968	186	46	775
NEBRASKA	35	113,491	12,662	487	102	1,652
NEVADA	8	28,801	5,901	176	26	483
NEW HAMPSHIRE	29	68,369	4,697	375	80	1,764
NEW JERSEY	60	294,811	35,245	996	269	5,313
NEW MEXICO	26	89,321	9,668	75	89	1,473
NEW YORK	325	1,392,203	164,452	8,456	1,448	40,403
NORTH CAROLINA	125	386,226	39,070	1,198	463	8,798
NORTH DAKOTA	19	30,875	4,998	119	57	610
OHIO	148	542,720	64,697	2,393	588	11,423
OKLAHOMA	46	179,426	22,690	481	186	3,989
OREGON	46	196,304	17,128	2,222	320	3,492
PENNSYLVANIA	210	757,267	56,604	2,544	627	12,250
RHODE ISLAND	11	115,036	7,713	64	38	460
SOUTH CAROLINA	63	188,068	19,748	1,210	230	4,367
SOUTH DAKOTA	19	41,447	2,583	71	46	889
TENNESSEE	83	225,911	24,400	1,254	280	5,261
TEXAS	168	818,005	115,234	3,247	759	15,223
UTAH	14	183,627	6,475	324	86	1,734
VERMONT	22	63,717	4,061	723	63	1,128
VIRGINIA	78	258,221	28,453	2,243	276	5,059
WASHINGTON	55	244,013	27,687	551	259	4,510
WEST VIRGINIA	29	85,070	10,124	373	89	4,661
WISCONSIN	63	303,500	27,456	769	235	4,576
WYOMING	9	36,465	2,960	42	19	328

* Institutions with accreditation at the higher education level recognized by the Secretary of Education, 1988

Table 11: Number of individuals served per week by type of library service and number of reference transactions and online databases searches of all libraries by State, and level and control of institution: 1988

B. TOTAL FOUR-YEAR HIGHER EDUCATION INSTITUTIONAL LIBRARIES

	Total number of libraries	Attendance in library	Reference transactions	Online database searches	-- Information service -- --- to groups --- Number of presentation	Number of persons served
TOTAL 50 states & DC	2,081	10,672,105	1,254,102	49,262	8,297	174,652
ALABAMA	35	125,814	19,545	480	222	4,469
ALASKA	6	30,431	9,852	1,464	16	280
ARIZONA	15	123,062	9,653	140	102	2,072
ARKANSAS	20	73,436	6,050	149	55	5,029
CALIFORNIA	166	621,289	109,023	4,253	558	10,225
COLORADO	29	197,819	19,843	590	147	2,848
CONNECTICUT	29	111,261	13,672	417	92	2,625
DELAWARE	7	38,161	3,684	34	32	427
DISTRICT OF COLUMBIA	16	136,373	15,607	917	62	1,082
FLORIDA	53	320,749	30,340	1,076	210	5,115
GEORGIA	44	255,403	25,540	1,086	251	5,416
HAWAII	8	58,232	5,545	70	27	665
IDAHO	7	33,004	3,906	44	35	755
ILLINOIS	95	517,340	118,642	1,946	332	5,187
INDIANA	50	388,031	44,338	969	171	2,859
IOWA	37	234,992	9,833	193	99	2,449
KANSAS	32	117,791	10,472	262	63	1,456
KENTUCKY	31	153,179	17,073	344	279	7,962
LOUISIANA	24	190,574	20,284	487	119	2,530
MAINE	21	86,953	4,541	140	34	527
MARYLAND	35	148,756	15,897	2,573	67	1,253
MASSACHUSETTS	83	477,396	35,697	2,399	293	5,431
MICHIGAN	66	321,528	34,357	1,208	237	4,579
MINNESOTA	44	211,613	13,013	1,479	211	4,138
MISSISSIPPI	22	92,294	9,662	230	47	1,406
MISSOURI	65	268,981	91,076	785	170	3,272
MONTANA	9	46,798	3,032	72	28	597
NEBRASKA	23	96,086	7,722	414	78	1,364
NEVADA	4	24,917	5,277	119	17	296
NEW HAMPSHIRE	17	61,124	3,671	324	67	1,497
NEW JERSEY	37	234,930	27,195	867	168	3,266
NEW MEXICO	10	68,150	4,542	63	56	744
NEW YORK	239	1,175,228	137,793	7,986	1,107	30,566
NORTH CAROLINA	52	312,819	25,950	1,086	222	3,835
NORTH DAKOTA	9	22,734	2,712	86	41	282
OHIO	84	455,276	54,927	1,711	328	6,538
OKLAHOMA	28	146,071	19,046	423	125	2,431
OREGON	31	104,471	14,255	2,135	259	2,491
PENNSYLVANIA	131	626,269	44,122	1,999	370	7,226
RHODE ISLAND	10	101,236	7,075	64	32	340
SOUTH CAROLINA	32	136,164	12,255	1,099	140	2,583
SOUTH DAKOTA	16	40,592	2,388	61	43	835
TENNESSEE	51	185,569	18,283	1,090	158	2,788
TEXAS	95	622,017	85,103	1,741	448	7,202
UTAH	6	148,842	5,330	296	73	1,389
VERMONT	17	58,874	3,170	708	55	969
VIRGINIA	47	198,822	22,506	1,974	182	3,272
WASHINGTON	26	146,196	21,227	428	143	2,701
WEST VIRGINIA	22	79,917	5,641	160	68	4,371
WISCONSIN	44	219,541	22,135	602	155	2,974
WYOMING	1	25,000	1,600	19	3	38

Table 11: Number of individuals served per week by type of library service and number of reference transactions and online databases searches of all libraries by State, and level and control of institution: 1988

C. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS OFFERING DOCTORAL PROGRAMS

					-- Information service -- --- to groups ---	
	Total number of libraries	Attendance in library	Reference transactions	Online database searches	Number of presentation	Number of persons served
TOTAL 50 states & DC	466	5,953,064	711,372	29,125	2,731	50,861
ALABAMA	7	57,699	9,178	171	46	788
ALASKA	1	15,737	989	6	2	10
ARIZONA	3	97,821	7,928	48	74	1,611
ARKANSAS	2	12,828	637	102	5	57
CALIFORNIA	49	455,219	64,129	2,818	257	3,883
COLORADO	10	144,787	13,880	289	84	1,613
CONNECTICUT	7	57,710	9,211	224	25	1,356
DELAWARE	2	32,500	3,314	28	15	250
DISTRICT OF COLUMBIA	7	126,251	14,523	899	51	735
FLORIDA	14	242,278	20,865	626	86	1,423
GEORGIA	7	114,041	10,118	645	43	745
HAWAII	2	42,590	4,470	40	12	148
IDAHO	2	8,030	1,592	32	20	415
ILLINOIS	25	360,902	105,314	842	103	1,847
INDIANA	8	145,019	22,238	387	63	1,226
IOWA	6	191,528	5,129	134	58	1,584
KANSAS	3	65,683	5,687	58	16	250
KENTUCKY	7	73,461	6,022	217	52	2,937
LOUISIANA	10	134,660	14,275	396	55	1,341
MAINE	1	31,700	1,233	15	9	109
MARYLAND	9	104,955	12,199	2,449	36	600
MASSACHUSETTS	23	288,806	20,429	1,467	131	2,242
MICHIGAN	12	116,665	17,351	534	67	1,313
MINNESOTA	6	41,016	4,402	445	21	368
MISSISSIPPI	6	45,989	6,631	164	21	452
MISSOURI	14	134,459	8,236	437	52	865
MONTANA	2	24,142	2,185	53	10	187
NEBRASKA	3	43,610	2,237	234	13	191
NEVADA	2	23,916	5,117	102	13	220
NEW HAMPSHIRE	4	20,508	660	245	7	210
NEW JERSEY	10	138,713	12,601	405	50	707
NEW MEXICO	3	56,486	3,592	31	40	483
NEW YORK	50	517,096	62,749	3,726	236	3,978
NORTH CAROLINA	7	167,972	10,225	663	64	785
NORTH DAKOTA	2	13,500	1,773	55	8	65
OHIO	20	320,445	44,493	1,284	155	3,046
OKLAHOMA	6	80,409	11,185	313	41	746
OREGON	7	52,092	4,955	1,189	51	988
PENNSYLVANIA	23	287,191	22,970	931	96	1,643
RHODE ISLAND	2	52,813	3,770	42	17	118
SOUTH CAROLINA	7	55,891	6,709	974	24	572
SOUTH DAKOTA	4	18,823	644	14	12	200
TENNESSEE	12	126,312	12,330	933	70	1,261
TEXAS	30	416,444	64,261	1,451	171	2,719
UTAH	3	124,467	4,843	286	62	1,139
VERMONT	2	31,730	1,267	614	20	295
VIRGINIA	10	88,454	13,674	1,539	56	1,030
WASHINGTON	4	34,307	14,100	160	39	690
WEST VIRGINIA	2	43,627	2,335	59	18	544
WISCONSIN	7	46,782	11,117	330	51	838
WYOMING	1	25,000	1,600	19	3	38

Table 11: Number of individuals served per week by type of library service and number of reference transactions and online databases searches of all libraries by State, and level and control of institution: 1988

D. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH MASTER'S HIGHEST LEVEL OF OFFERING

	Total number of libraries	Attendance in library	Reference transactions	Online database searches	-- Information service -- --- to groups --- Number of presentation	Number of persons served
TOTAL 50 states & DC	802	3,360,382	400,029	12,453	3,356	70,356
ALABAMA	18	59,059	8,774	289	146	3,120
ALASKA	2	13,012	8,563	1,424	6	118
ARIZONA	5	17,295	1,027	63	12	216
ARKANSAS	9	43,787	3,566	33	25	464
CALIFORNIA	72	102,562	39,507	872	205	4,652
COLORADO	9	29,948	3,109	89	25	533
CONNECTICUT	13	45,266	3,454	160	48	799
DELAWARE	2	1,190	121	5	6	140
DISTRICT OF COLUMBIA	6	7,888	981	18	8	282
FLORIDA	16	57,649	6,569	131	66	2,242
GEORGIA	22	119,744	10,217	328	184	3,756
HAWAII	2	6,859	304	2	5	140
IDAHO	3	20,656	2,045	6	10	279
ILLINOIS	38	118,870	10,276	953	108	1,763
INDIANA	21	219,630	19,696	508	56	778
IOWA	8	10,070	1,751	24	9	197
KANSAS	9	34,240	2,403	74	16	373
KENTUCKY	10	54,851	9,275	99	203	4,746
LOUISIANA	11	53,238	5,284	79	57	1,124
MAINE	6	21,506	1,768	87	10	170
MARYLAND	19	34,065	2,975	94	15	377
MASSACHUSETTS	34	129,373	11,053	809	95	1,967
MICHIGAN	21	148,889	12,117	175	91	1,740
MINNESOTA	14	105,186	5,267	928	125	2,135
MISSISSIPPI	9	38,726	1,913	49	18	753
MISSOURI	22	93,445	78,402	119	80	1,644
MONTANA	5	19,609	757	14	8	219
NEBRASKA	6	33,990	3,855	17	41	798
NEVADA	1	160	10	0	0	0
NEW HAMPSHIRE	6	22,380	1,772	51	43	759
NEW JERSEY	15	74,295	12,361	397	81	1,743
NEW MEXICO	5	10,823	800	15	12	185
NEW YORK	95	467,604	43,962	1,710	502	13,328
NORTH CAROLINA	18	97,393	7,346	181	80	1,928
NORTH DAKOTA	2	0	391	18	2	50
OHIO	24	64,565	4,947	220	68	1,362
OKLAHOMA	9	46,441	5,783	77	59	1,138
OREGON	15	41,051	3,892	637	56	811
PENNSYLVANIA	59	216,884	13,359	500	154	3,211
RHODE ISLAND	6	44,848	3,095	22	8	114
SOUTH CAROLINA	10	44,874	3,187	80	63	1,093
SOUTH DAKOTA	5	16,047	912	10	13	228
TENNESSEE	13	35,279	1,811	77	41	617
TEXAS	38	162,951	17,483	211	208	3,026
UTAH	3	24,375	487	10	11	250
VERMONT	10	23,662	1,363	55	22	447
VIRGINIA	15	62,146	5,779	337	72	1,232
WASHINGTON	14	98,143	5,840	194	80	1,245
WEST VIRGINIA	7	13,325	1,348	65	17	346
WISCONSIN	20	152,533	9,072	137	86	1,718
WYOMING	0	0	0	0	0	0

Table 11: Number of individuals served per week by type of library service and number of reference transactions and online databases searches of all libraries by State, and level and control of institution: 1988

E. LIBRARIES IN FOUR YEAR HIGHER EDUCATION INSTITUTIONS WITH BACCALAUREATE HIGHEST LEVEL OF OFFERING

					Information service to groups	
	Total number of libraries	Attendance in library	Reference transactions	Online database searches	Number of presentation	Number of persons served
TOTAL 50 states & DC	813	1,358,659	142,701	7,684	2,210	53,435
ALABAMA	10	9,056	1,593	20	30	561
ALASKA	3	1,682	300	34	8	152
ARIZONA	7	7,946	698	29	16	245
ARKANSAS	9	16,821	1,847	14	25	4,508
CALIFORNIA	45	63,508	5,387	563	96	1,690
COLORADO	10	23,084	2,854	212	38	702
CONNECTICUT	9	8,285	1,007	33	19	470
DELAWARE	3	4,471	249	1	11	37
DISTRICT OF COLUMBIA	3	2,234	103	0	3	65
FLORIDA	23	20,822	2,906	319	58	1,450
GEORGIA	15	21,618	5,205	113	24	915
HAWAII	4	8,783	771	28	10	377
IDAHO	2	4,318	269	6	5	61
ILLINOIS	32	37,568	3,052	151	121	1,577
INDIANA	21	23,382	2,404	74	52	855
IOWA	23	33,394	2,953	35	32	668
KANSAS	20	17,868	2,382	130	31	833
KENTUCKY	14	24,867	1,776	28	24	279
LOUISIANA	3	2,676	725	12	7	65
MAINE	14	33,747	1,540	38	15	248
MARYLAND	7	9,736	723	30	16	276
MASSACHUSETTS	26	59,217	4,215	123	67	1,222
MICHIGAN	33	55,974	4,889	499	79	1,526
MINNESOTA	24	65,411	3,344	106	65	1,635
MISSISSIPPI	7	7,579	1,118	17	8	201
MISSOURI	29	41,077	4,438	229	38	763
MONTANA	2	3,047	90	5	10	191
NEBRASKA	14	18,486	1,630	163	24	375
NEVADA	1	841	150	17	4	76
NEW HAMPSHIRE	7	18,236	1,239	28	17	528
NEW JERSEY	12	21,922	2,233	65	37	816
NEW MEXICO	2	841	150	17	4	76
NEW YORK	94	190,528	31,082	2,550	369	13,260
NORTH CAROLINA	27	47,454	8,379	242	78	1,122
NORTH DAKOTA	5	9,234	548	13	31	167
OHIO	40	70,266	5,487	207	105	2,130
OKLAHOMA	13	19,221	2,078	33	25	547
OREGON	9	11,328	5,408	309	152	692
PENNSYLVANIA	49	122,194	7,793	568	120	2,372
RHODE ISLAND	2	3,575	210	0	7	108
SOUTH CAROLINA	15	35,399	2,359	45	53	918
SOUTH DAKOTA	7	5,722	832	37	18	407
TENNESSEE	26	23,978	4,142	80	47	910
TEXAS	27	42,622	3,359	79	69	1,457
UTAH	0	0	0	0	0	0
VERMONT	5	3,482	540	39	13	227
VIRGINIA	22	48,222	3,053	98	54	1,010
WASHINGTON	8	13,746	1,287	74	24	766
WEST VIRGINIA	13	22,965	1,958	36	33	3,481
WISCONSIN	17	20,226	1,946	135	18	418
WYOMING	0	0	0	0	0	0

Table 11: Number of individuals served per week by type of library service and number of reference transactions and online databases searches of all libraries by State, and level and control of institution: 1988

F. LIBRARIES IN LESS THAN 4-YEAR HIGHER EDUCATION INSTITUTIONS

					Information service to groups	
	Total number of libraries	Attendance in library	Reference transactions	Online database searches	Number of presentation	Number of persons served
TOTAL 50 states & DC	1,357	3,563,203	371,363	20,782	5,644	124,247
ALABAMA	48	68,716	8,987	500	192	3,486
ALASKA	7	2,265	287	7	7	136
ARIZONA	19	55,452	4,973	185	59	1,284
ARKANSAS	16	16,656	1,712	110	20	401
CALIFORNIA	129	534,287	40,123	2,185	431	13,111
COLORADO	24	20,432	2,330	121	42	796
CONNECTICUT	20	22,196	1,731	100	34	701
DELAWARE	3	15,362	880	3	6	120
DISTRICT OF COLUMBIA	0	0	0	0	0	0
FLORIDA	42	747,103	48,446	350	925	20,516
GEORGIA	42	80,798	6,536	338	136	4,012
HAWAII	6	18,107	2,147	10	8	204
IDAHO	4	25,937	1,049	24	10	105
ILLINOIS	62	202,666	21,299	583	208	3,904
INDIANA	22	17,507	1,995	93	42	909
IOWA	21	31,868	3,375	80	77	1,638
KANSAS	24	27,495	2,928	71	50	1,134
KENTUCKY	15	23,850	3,321	132	67	1,403
LOUISIANA	10	7,127	3,427	23	36	476
MAINE	9	4,680	652	21	14	290
MARYLAND	22	9,850	5,190	243	25	625
MASSACHUSETTS	34	38,328	13,693	64	131	2,629
MICHIGAN	35	99,860	9,827	3,105	502	9,593
MINNESOTA	31	44,010	12,310	7,329	72	1,690
MISSISSIPPI	22	58,345	6,716	0	177	3,978
MISSOURI	22	34,226	5,712	53	58	1,080
MONTANA	9	4,031	936	114	18	178
NEBRASKA	12	17,405	4,940	73	24	288
NEVADA	4	3,884	624	57	9	187
NEW HAMPSHIRE	12	7,245	1,026	51	13	267
NEW JERSEY	23	59,881	8,050	129	101	2,047
NEW MEXICO	16	21,171	5,126	12	33	729
NEW YORK	86	216,975	26,659	470	341	9,837
NORTH CAROLINA	73	73,407	13,120	112	241	4,963
NORTH DAKOTA	10	8,141	2,286	33	16	328
OHIO	64	87,444	9,770	682	260	4,885
OKLAHOMA	18	33,355	3,644	58	61	1,558
OREGON	15	91,833	2,873	87	61	1,001
PENNSYLVANIA	79	130,998	12,482	545	257	5,024
RHODE ISLAND	1	13,800	638	0	6	120
SOUTH CAROLINA	31	51,904	7,493	111	90	1,784
SOUTH DAKOTA	3	855	195	10	3	54
TENNESSEE	32	40,342	6,117	164	122	2,473
TEXAS	73	195,988	30,131	1,506	311	8,021
UTAH	8	34,785	1,145	28	13	345
VERMONT	5	4,843	891	15	8	159
VIRGINIA	31	59,399	5,947	269	94	1,787
WASHINGTON	29	97,817	6,460	123	116	1,809
WEST VIRGINIA	7	5,153	4,483	213	21	290
WISCONSIN	19	83,959	5,321	167	80	1,602
WYOMING	8	11,465	1,360	23	16	290

Table 11: Number of individuals served per week by type of library service and number of reference transactions and online databases searches of all libraries by State, and level and control of institution: 1988

G. LIBRARIES IN PUBLIC HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Attendance in library	Reference transactions	Online database searches	Information service to groups	
					Number of presentation	Number of persons served
TOTAL 50 states & DC	1,539	9,608,182	1,166,450	44,635	8,689	195,811
ALABAMA	56	157,960	24,010	771	349	6,621
ALASKA	10	31,014	9,839	1,437	15	264
ARIZONA	19	152,031	12,665	204	127	2,775
ARKANSAS	20	67,668	5,729	223	38	681
CALIFORNIA	137	803,305	108,923	4,056	524	14,721
COLORADO	27	183,533	18,782	283	108	2,471
CONNECTICUT	25	78,328	4,819	283	60	1,381
DELAWARE	5	46,312	4,166	35	15	350
DISTRICT OF COLUMBIA	2	4,405	921	17	5	175
FLORIDA	38	937,333	65,076	517	960	21,659
GEORGIA	46	238,376	18,873	901	274	5,873
HAWAII	9	64,786	7,053	65	26	613
IDAHO	6	30,885	4,207	56	36	763
ILLINOIS	59	493,738	118,241	1,005	223	4,887
INDIANA	27	143,636	23,725	410	114	2,046
IOWA	19	207,049	7,366	148	100	2,703
KANSAS	30	127,933	10,947	220	71	1,508
KENTUCKY	9	111,815	15,435	211	266	6,021
LOUISIANA	20	159,603	18,967	275	111	2,383
MAINE	13	59,835	3,615	57	32	546
MARYLAND	34	142,728	17,803	2,566	78	1,581
MASSACHUSETTS	31	132,760	19,260	416	132	2,921
MICHIGAN	49	302,747	31,993	4,072	616	11,884
MINNESOTA	33	162,984	18,967	7,532	182	3,725
MISSISSIPPI	26	136,077	13,818	193	208	5,003
MISSOURI	25	180,720	86,113	229	138	2,655
MONTANA	12	44,116	3,531	179	32	543
NEBRASKA	20	68,992	10,729	291	72	1,185
NEVADA	6	27,800	5,741	159	22	407
NEW HAMPSHIRE	12	38,497	2,388	92	27	708
NEW JERSEY	33	230,553	28,018	711	191	4,116
NEW MEXICO	22	87,456	9,471	57	79	1,277
NEW YORK	90	666,358	67,825	4,014	590	22,582
NORTH CAROLINA	74	291,429	26,856	862	285	5,809
NORTH DAKOTA	15	28,318	4,505	116	50	459
OHIO	58	377,387	50,836	1,389	376	7,278
OKLAHOMA	28	146,109	19,035	382	151	3,365
OREGON	21	166,340	13,642	1,440	149	2,854
PENNSYLVANIA	61	391,738	31,341	831	259	5,375
RHODE ISLAND	3	50,239	2,653	26	21	256
SOUTH CAROLINA	33	120,856	15,094	1,062	121	2,419
SOUTH DAKOTA	7	26,971	1,366	19	22	425
TENNESSEE	24	150,755	15,217	221	139	2,921
TEXAS	103	670,855	98,265	2,763	561	11,316
UTAH	9	114,044	6,276	282	38	854
VERMONT	6	35,869	1,565	633	33	424
VIRGINIA	39	186,058	23,691	1,918	190	3,623
WASHINGTON	33	175,833	23,179	338	209	3,298
WEST VIRGINIA	16	72,269	8,795	300	68	4,216
WISCONSIN	31	246,081	22,289	345	180	3,629
WYOMING	8	35,698	2,829	23	16	262

Table 11: Number of individuals served per week by type of library service and number of reference transactions and online databases searches of all libraries by State, and level and control of institution: 1988

H. LIBRARIES IN PRIVATE HIGHER EDUCATION INSTITUTIONS

	Total number of libraries	Attendance in library	Reference transactions	Online database searches	-- Information service -- --- to groups --- Number of presentation	Number of persons served
TOTAL 50 states & DC	1,899	4,627,126	459,015	25,409	5,252	103,088
ALABAMA	27	36,570	4,522	209	65	1,334
ALASKA	3	1,682	300	34	8	152
ARIZONA	15	26,483	1,961	121	34	581
ARKANSAS	16	22,424	2,033	36	37	4,749
CALIFORNIA	158	352,271	40,223	2,382	465	8,615
COLORADO	26	34,718	3,391	428	81	1,173
CONNECTICUT	24	55,129	10,584	234	66	1,945
DELAWARE	5	7,211	398	2	23	197
DISTRICT OF COLUMBIA	14	131,968	14,686	900	57	907
FLORIDA	57	130,519	13,710	909	175	3,972
GEORGIA	40	97,825	13,203	523	113	3,555
HAWAII	5	11,553	639	15	9	256
IDAHO	5	28,056	748	12	9	97
ILLINOIS	98	226,268	21,700	1,524	317	4,204
INDIANA	45	261,902	22,608	652	99	1,722
IOWA	39	59,811	5,842	125	76	1,384
KANSAS	26	17,353	2,453	113	42	1,082
KENTUCKY	37	65,214	4,959	265	80	3,344
LOUISIANA	14	38,098	4,744	235	44	623
MAINE	17	31,798	1,578	104	16	271
MARYLAND	23	15,878	3,284	250	14	297
MASSACHUSETTS	86	382,964	30,130	2,047	292	5,139
MICHIGAN	52	118,641	12,191	241	123	2,288
MINNESOTA	42	92,639	6,356	1,276	101	2,103
MISSISSIPPI	18	14,562	2,560	37	16	381
MISSOURI	62	122,487	10,675	609	90	1,697
MONTANA	6	6,713	437	7	14	232
NEBRASKA	15	44,499	1,933	196	30	467
NEVADA	2	1,001	160	17	4	76
NEW HAMPSHIRE	17	29,872	2,309	283	53	1,056
NEW JERSEY	27	64,258	7,227	285	78	1,197
NEW MEXICO	4	1,865	197	18	10	196
NEW YORK	235	725,845	96,627	4,442	858	17,821
NORTH CAROLINA	51	94,797	12,214	336	178	2,989
NORTH DAKOTA	4	2,557	493	3	7	151
OHIO	90	165,333	13,861	1,004	212	4,145
OKLAHOMA	18	33,317	3,655	99	35	624
OREGON	25	29,964	3,486	782	171	638
PENNSYLVANIA	149	365,529	25,263	1,713	368	6,875
RHODE ISLAND	8	64,797	5,060	38	17	204
SOUTH CAROLINA	30	67,212	4,654	148	109	1,948
SOUTH DAKOTA	12	14,476	1,217	52	24	464
TENNESSEE	59	75,156	9,183	1,033	141	2,340
TEXAS	65	147,150	16,969	484	198	3,907
UTAH	5	69,583	199	42	48	880
VERMONT	16	27,848	2,496	90	30	704
VIRGINIA	39	72,163	4,762	325	86	1,436
WASHINGTON	22	68,180	4,508	213	50	1,212
WEST VIRGINIA	13	12,801	1,329	73	21	445
WISCONSIN	32	57,419	5,167	424	55	947
WYOMING	1	767	131	19	3	66

METHODOLOGY

Scope

The Academic Libraries survey was mailed to 4,565 postsecondary institutions in August 1988. This included 3,582 colleges and universities (the higher education universe), and 983 noncollegiate postsecondary institutions.

Of the 3,582 academic institutions, the 83 institutions that shared a library with one or more of 51 other institutions were excluded, as were the 61 academic libraries in Outlying Areas. Thus there were 3,438 academic libraries in the colleges and universities in the 50 States and District of Columbia.

The 983 noncollegiate postsecondary institutions excluded all 2-year and less-than-2-years private-for-profit schools as well as any others that reported on their 1987-88 Institutional Characteristics survey that they did not have a library. Of these 983 mailed out, 98 returned their form as out of scope, i.e., they indicated that they did not have a library, 7 institutions shared a library with one or more other institutions, and 8 libraries were in Outlying Areas. Thus, there were 870 noncollegiate postsecondary libraries in the 50 States and D.C., excluding the less-than-four-year profit-making sector.

Of the 870 noncollegiate postsecondary libraries, fewer than half responded to any of the four major items. Since the response rate was too low to make valid inferences to the noncollegiate sector, they have been excluded from the body of this report.

The respondents did indicate the following data, however:

349 libraries reported operating expenditures of over $16 million dollars, or an average of a little more than $46 thousand dollars per library for the respondents.

379 libraries reported 1.9 million volumes of books on hand, an average of just over 5,000 per library for the respondents.

309 libraries reported 740 staff members, or less than 2.5 per library for the respondents.

297 libraries reported over a million general circulation transactions, or almost 3,500 per library for the respondents.

Editing and Imputation

There were both general procedures for editing and ones that were item specific. All data were inspected for major reporting errors. For totals or subtotals with subitems, if the sum of reported subitems did not equal the reported item total, an attempt was made to contact the institution to resolve the problem.

If for a given item with subitems, there were both blank subitems and at least one positive subitem, the blank subitems were changed to zero.

If for a given total with subitems, the total was blank or zero, and there were one or more positive subitems, the subitems were added to obtain the total.

If for a given total with subitems, the total had positive entries, and there were positive subitems that summed to a different total, the positive subitems were multiplied by the ratio total/sum of subitems.

If, for a given record, there was a reported total and all subitems were either zero or blank, then it was assumed that all the subitems should have positive values, and values were imputed. For purposes of imputation, the higher education file was divided into 16 imputation classes based upon highest level of degree (Doctor's, Master's, Baccalaureate, and Associate) by control and size of institution (public, less than the median number of degrees; public, equal to or greater than the median; private, less than the median; private, equal to or greater than the median). To calculate the imputed value for a subitem, the average estimate for a subitem was calculated across the set of respondents for which the sum of the subitems equaled the total, including ones for which the total was obtained by adding the subitems, but excluding those for which the sum of the subitems did not originally equal the total. The average subitem value was divided by the average total value to obtain an average proportion, and the proportion was multiplied by the reported total to obtain the imputed subitem value.

If, for the key items total staff and total expenditures, the total was blank or zero and all the subitems were blank or zero, then it was assumed that the total and subitems should have positive values and they were imputed by imputation class from the set of respondents described above.

For the key items, total staff (Part B, line 6), total operating expenditures (Part C, line 24), book volumes held at the end of the year (Part D, line 25, column 2) and general collection circulation transactions (Part E, line 41), it was assumed that they should always have positive values. Values were imputed from the set of valid responses (including only positive values for these items) by imputation class for both partial respondents and complete nonrespondents. Of the 3,438 college and university academic libraries, 499, or 14.5%, were complete nonrespondents.

For all other items, ones that not every library would typically have, blank responses were changed to zeroes for the partial respondents. The average of the values for the complete respondents and partial respondents were then imputed for the set of complete nonrespondents.

The top three data rows of table A present the number of responding libraries, both partial and total respondents, at the national level by level and control of institution. In addition, in the remaining rows are the number of libraries responding with a positive value for

TABLE A. Number of responses with positive value to library items by level and control of institution: 1988

	Higher Education Institutions							
		Four year						
	Total higher education institutions	Total four year institutions	With doctors degree	Masters highest level of degree	Bachelors highest level of degree	Less than four year	Public	Private
ALL LIBRARIES	3,438	2,081	466	802	813	1,357	1,539	1,899
LIBRARIES WITH ALL ITEMS IMPUTED	499	265	40	77	148	234	92	407
RESPONDING LIBRARIES	2,939	1,816	426	725	665	1,123	1,447	1,492
Part B - Library Staff								
LIBRARIANS & OTHER PROFESSIONAL STAFF	2,861	1,789	423	716	650	1,072	1,423	1,438
ALL OTHER PAID STAFF	2,594	1,651	410	677	564	943	1,376	1,218
CONTRIBUTED SERVICE STAFF	172	121	15	57	49	51	45	127
STUDENT ASSISTANTS FROM ALL FUNDING SOURCES	2,596	1,675	394	675	606	921	1,300	1,296
Part C - Library Operating Expenditures								
SALARIES AND WAGES	2,806	1,739	417	692	630	1,067	1,396	1,410
PRINT MATERIAL (COLLECTIONS)	2,811	1,742	411	692	639	1,069	1,394	1,417
CURRENT SERIAL SUBSCRIPTIONS (COLLECTIONS)	2,803	1,735	414	690	631	1,068	1,386	1,417
MICROFORMS/EXCLUDE SERIAL CURRENT(COLLECTION)	1,641	1,019	253	453	313	622	932	709
MACHINE READABLE MATERIALS (COLLECTIONS)	852	521	169	201	151	331	522	330
AUDIOVISUAL MATERIALS (COLLECTIONS)	2,049	1,207	279	465	463	842	1,050	999
OTHER (COLLECTIONS)	681	420	140	149	131	261	398	283
PRESERVATION	1,730	1,271	345	536	390	459	832	898
FURNITURE AND EQUIPMENT	2,140	1,334	333	536	465	806	1,123	1,017
COMPUTER HARDWARE	1,413	949	298	384	267	464	796	617
COMMUNICATIONS POSTAGE	1,760	1,279	337	501	441	481	782	978
TELECOMMUNICATIONS	1,381	1,031	301	403	327	350	690	691
ONLINE DATABASE SEARCHES	1,447	1,094	324	462	308	353	760	687
CONTRACTED COMPUTER SERVICES	1,631	1,222	342	512	368	409	812	819
ALL OTHER OPERATING EXPEDITURES	2,498	1,600	393	639	568	898	1,273	1,225
Part D - Library Collections								
BOOKS/SERIALS/GOVN DOC. NO.OF VOLUMES ADDED	2,864	1,789	417	719	653	1,075	1,413	1,451
BOOKS/SERIALS/GOVN. DOC. NO. VOLUMES EOFY	2,908	1,798	417	720	661	1,110	1,430	1,478
BOOKS/SERIALS/GOVN. DOC. NO. OF TITLES ADDED	2,534	1,550	331	646	573	984	1,262	1,272
BOOKS/SERIALS/GOVN. DOC. NO. TITLES EOFY	2,721	1,658	356	677	625	1,063	1,335	1,386
NUMBER OF GOVN. DOCUMENTS TITLES ADDED	734	559	156	261	142	175	442	292
NUMBER OF GOVN. DOCUMENTS TITLES EOFY	879	635	172	292	171	244	526	353
CURRENT SERIAL SUBSCRIPTIONS TITLES ADDED	2,275	1,434	333	590	511	841	1,109	1,166

Note: EOFY = at end of fiscal year

TABLE A. Number of responses with positive value to library items by level and control of institution: 1988

	Higher Education Institutions							
		Four year						
	Total higher education institutions	Total four year institutions	With doctors degree	Masters highest level of degree	Bachelors highest level of degree	Less than four year	Public	Private
CURRENT SERIAL SUBSCRIPTIONS TITLES EOFY	2,883	1,785	418	716	651	1,098	1,432	1,451
MICROFORMS NUMBER OF BOOK TITLES ADDED	559	472	167	203	102	87	280	279
MICROFORMS NUMBER OF BOOK TITLES EOFY	1,306	999	228	413	358	307	594	712
MICROFORMS NUMBER SERIAL TITLES ADDED	1,256	794	162	341	291	462	659	597
MICROFORMS NUMBER OF SERIAL TITLES EOFY	2,283	1,388	274	570	544	895	1,185	1,098
MICROFORMS GOVN. DOCUMENTS NO. TITLES ADDED	423	359	95	188	76	64	250	173
MICROFORMS GOVN. DOCUMENTS NO. TITLES EOFY	590	455	113	227	115	135	340	250
MANUSCRIPTS & ARCHIVES LINEAR FEET, ADDED	809	672	215	268	189	137	397	412
MANUSCRIPTS & ARCHIVES LINEAR FEET, EOFY	1,450	1,110	308	430	372	340	681	769
CARTOGRAPHIC MATERIALS NO. OF UNITS ADDED	867	596	187	239	170	271	531	336
CARTOGRAPHIC MATERIALS NO. OF UNITS EOFY	1,589	985	246	400	339	604	911	678
GRAPHIC MATERIALS, NUMBER OF UNITS ADDED	969	623	182	245	196	346	545	424
GRAPHIC MATERIALS, NUMBER OF UNITS EOFY	1,662	1,016	244	402	370	646	889	773
AUDIO MATERIALS, NUMBER OF TITLES ADDED	1,913	1,215	299	487	429	698	973	940
AUDIO MATERIALS, NUMBER OF TITLES EOFY	2,531	1,548	359	617	572	983	1,271	1,260
FILMS, NUMBER OF TITLES ADDED	765	409	123	178	108	356	524	241
FILMS, NUMBER OF TITLES EOFY	1,877	1,064	249	430	385	813	1,067	810
VIDEO MATERIALS NUMBER OF TITLES ADDED	2,073	1,215	286	474	455	858	1,091	982
VIDEO MATERIALS, NUMBER OF TITLES EOFY	2,354	1,388	321	542	525	966	1,211	1,143
MACHINE READABLE, NUMBER OF TITLES ADDED	942	584	182	237	165	358	558	384
MACHINE READABLES, NUMBER OF TITLES EOFY	1,254	768	229	317	222	486	728	526
OTHER LIBRARY MATERIALS, NO. OF TITLES ADDED	765	463	109	196	158	302	449	316
OTHER LIBRARY MATERIALS, NO. OF TITLES EOFY	1,196	722	164	293	260	474	667	529
Part E - Library Loan Transactions								
CIRCULATION TRANSACTIONS/GENERAL COLLECTION	2,877	1,784	416	717	651	1,093	1,432	1,445
CIRCULATIONS TRANSACTIONS/RESERVE COLLECTION	2,538	1,605	377	662	566	933	1,297	1,241
INTERLIBRARY LOANS/TO OTHER LIBRARIES	2,502	1,655	419	681	555	847	1,305	1,197
INTERLIBRARY LOANS/FROM OTHER LIBRARIES	2,677	1,708	421	700	587	969	1,393	1,284
Part F - Library Service per Typical Week								
PUBLIC SERVICE HOURS PER TYPICAL WEEK	2,926	1,810	426	724	660	1,116	1,442	1,484
ATTENDANCE IN LIBRARIES PER TYPICAL WEEK	2,559	1,564	360	630	574	995	1,263	1,296
REFERENCE TRANSACTIONS PER TYPICAL WEEK	2,697	1,691	400	688	603	1,006	1,348	1,349
ONLINE DATABASE SEARCHES PER TYPICAL WEEK	1,596	1,230	374	540	316	366	839	757
INFORMATION SERVICE TO GROUPS PER WEEK	2,300	1,380	344	580	456	920	1,283	1,017
PERSONS SERVED PER TYPICAL WEEK	2,411	1,454	353	613	488	957	1,328	1,083

Note: EOFY = at end of fiscal year

TABLE B. Number of libraries with all items imputed by state, level and control of institution: 1988

	Higher Education Institutions							
		Four year						
	Total higher education institutions	Total four year institutions	With doctors degree	Masters highest level of degree	Bachelors highest level of degree	less than four year	Public	Private
LIBRARIES WITH ALL ITEMS IMPUTED	499	265	40	77	148	234	92	407
ALABAMA	19	4	0	3	1	15	11	8
ALASKA	2	2	0	0	2	0	0	2
ARIZONA	10	5	0	3	2	5	3	7
ARKANSAS	2	0	0	0	0	2	0	2
CALIFORNIA	73	42	12	11	19	31	18	55
COLORADO	14	8	1	3	4	6	0	14
CONNECTICUT	2	2	0	0	2	0	1	1
DELAWARE	0	0	0	0	0	0	0	0
DISTRICT OF COLUMBIA	0	0	0	0	0	0	0	0
FLORIDA	23	13	3	4	6	10	1	22
GEORGIA	15	3	0	1	2	12	8	7
HAWAII	1	1	0	0	1	0	1	0
IDAHO	1	0	0	0	0	1	0	1
ILLINOIS	14	6	0	3	3	8	1	13
INDIANA	7	2	0	0	2	5	0	7
IOWA	3	0	0	0	0	3	0	3
KANSAS	8	6	0	1	5	2	2	6
KENTUCKY	10	2	2	0	0	8	0	10
LOUISIANA	1	0	0	0	0	1	0	1
MAINE	1	1	0	1	0	0	0	1
MARYLAND	3	1	1	0	0	2	2	1
MASSACHUSETTS	5	4	0	2	2	1	0	5
MICHIGAN	10	9	0	1	8	1	6	4
MINNESOTA	17	7	2	2	3	10	8	9
MISSISSIPPI	2	2	0	1	1	0	1	1
MISSOURI	8	5	2	2	1	3	0	8
MONTANA	1	0	0	0	0	1	1	0
NEBRASKA	3	1	0	0	1	2	2	1
NEVADA	1	1	0	0	1	0	0	1
NEW HAMPSHIRE	3	2	0	0	2	1	1	2
NEW JERSEY	7	6	1	2	3	1	3	4
NEW MEXICO	1	1	0	0	1	0	0	1
NEW YORK	73	64	4	21	39	9	2	71
NORTH CAROLINA	5	0	0	0	0	5	0	5
NORTH DAKOTA	1	0	0	0	0	1	1	0
OHIO	33	10	3	3	4	23	9	24
OKLAHOMA	4	2	1	0	1	2	2	2
OREGON	3	1	0	1	0	2	0	3
PENNSYLVANIA	48	16	2	3	11	32	3	45
RHODE ISLAND	0	0	0	0	0	0	0	0
SOUTH CAROLINA	7	3	1	1	1	4	1	6
SOUTH DAKOTA	3	2	0	0	2	1	0	3
TENNESSEE	13	2	0	0	2	11	0	13
TEXAS	9	6	2	2	2	3	1	8
UTAH	1	0	0	0	0	1	0	1
VERMONT	3	3	0	1	2	0	0	3
VIRGINIA	6	4	2	0	2	2	0	6
WASHINGTON	10	9	0	4	5	1	0	10
WEST VIRGINIA	5	3	0	1	2	2	0	5
WISCONSIN	7	4	1	0	3	3	3	4
WYOMING	1	0	0	0	0	1	0	1

Note: EOFY = at end of fiscal year

each item at the national level. This may be helpful for researchers considering further analysis. For the items one would expect every library to have, Table A can also be used to assess the level of partial nonresponse at the national level.

Since the number of complete nonresponses can vary by State and affect the reliability of the State estimates, Table B presents the distribution of the set of complete nonrespondent libraries by State by level and control of institution.

SURVEY DEFINITIONS

Period of Report

- Fiscal year 1988: This is a 12-month period between June 1, 1987 and September 30, 1988 which corresponds to the institution's fiscal year.

- Typical week in fall term 1988: A typical week is one without holidays when the central or main library is open during its regular hours for general use.

- Fall 1988: This is the period during the fall of 1988 when the survey is being completed.

Library Staff

- Full-time equivalent (FTE) employees: This is the sum of the number of full-time employees plus the number of full-time equivalent of the part-time employees. To compute full¤time equivalents of part-time employees, the number of hours worked by a part-time employee was taken and divided by the number of hours considered by the reporting library to be a full-time work week (e.g., 60 hours per week of part-time work divided by 40 hours per full-time week equals 1.5 FTE).

- Librarians and other professional staff: This is the total FTE of librarians and other professional staff, including chief, deputy, associate, and assistant chief librarian doing work that requires professional training and skill in the theoretical or scientific aspect of library work, or both, as distinct from its mechanical or clerical aspect. This includes unfilled positions if a search was underway at reporting time.

- All other paid staff (except student assistants): This is the total FTE for all other paid library staff in filled positions in Fall 1988 who were paid annual salaries or hourly wages except students. Included are technical and clerical staff and professionals who are not librarians. It excludes maintenance and custodial staff.

- Contributed services staff: This is the total FTE for contributed services staff. Contributed service staff are those, such as members of religious orders, whose services are valued by bookkeeping entries rather than by full cash transactions. It does include volunteers.

o Student assistants from all funding sources: This is the total FTE for student assistants, by students employed on an hourly basis whose wages are charged either to the library budget or to a budget other than the library budget. It excludes maintenance and custodial staff.

o Total FTE staff: This is the sum of librarians and other professional staff, all other paid staff, contributed services staff, and student assistants.

Operating Expenditures

Expenditures: These are the funds expended from the library budget in fiscal year 1988 regardless of when the funds may have been received from Federal, State, or other sources. Expenditures are reported for the 12¤month period which corresponds to your library's fiscal year between the calendar period June 1, 1987, to September 30, 1988. All expenditures are reported in whole dollars in the most appropriate category to provide an unduplicated count of expenditures. Expenditures for capital outlays are excluded. No expenditure is reported in more than one category.

o Salaries and wages: These are expenditures for full-time and part¤time salaries and wages before deductions. Fringe benefits provided by the institution for all regular library staff are included. Salaries and wages from all sources paid to students serving on an hourly basis are also included. Contributed services, and maintenance and custodial staff are excluded.

o Print materials: These are expenditures for all materials consisting primarily of words and usually produced by making an impression with ink on paper. Included in this category are materials that do not require magnification: books, governmentdocuments, braille materilas, ephemeral print materials, and the like. Current serial subscriptions and microforms are excluded.

o Current serial subscriptions: These are expenditures for current subscriptions for serials. Serials are publications issued in successive parts, usuallly at regular intervals, and as a rule, intended to be issued indefinitely. Serials include periodicals, newspapers, annuals (reports, yearbooks, etc.), memoirs, proceedings, and transactions of societies; they may include monographic and publishers' series. All physical formats are included.

o Microforms: These are expenditures for all photographic reproductions of textual, tabular, or graphic materials reduced in size so that they can be used only with magnification. Examples of microforms are roll microfilm, microcard, microfiche, and ultrafiche. Current serial subscriptions are excluded.

- Machine readable materials: These are expenditures for both machine-readable data files and microcomputer applications software. Machine-readable data files are data and data files that exist in media such as punched cards, magnetic tape and disks, and digital videodisks that are designed to be processed by a computer or other machine. Examples are U.S. Census data tapes and reference tools on tape or disk. Excluded are the bibliographic records used to manage the collection and the physical components of a computer (hardware). Microcomputer software contains instructions which direct the computer to perform some action.

Examples are dBase III, Supercalc, and Word Perfect. Excluded are microcomputer software used only by library staff.

- Audiovisual materials: These are expenditures for all library materials that are displayed by visual projection or magnification or through sound reproduction, or both, including graphic materials, audio materials, motion pictures, video materials, and special visual materials such as cartographic and three-dimensional materials

- Other collection expenditures: These are expenditures for collection materials not already included with print materials, current serial subscriptions, microforms, machine-readablematerials, and audiovisual materials.

- Total collection expenditures: This is the sum of expenditures for print materilas, current serial subscriptions, microforms, machine-readable materials, audiovisual materials, and other collection materials.

- Preservation: These are expenditures for the activities associated with maintaining library and archival materials for use in either their original physical form or in some other usable way. This includes but is not limited to binding and rebinding, materials conservation, deacidification, lamination, and restoration.

- Furniture and equipment: These are expenditures for all library furniture and equipment purchased during the 1988 fiscal year. Included are microform equipment and audiovisual equipment. Excluded are computer-related equipment, which should be reported separately.

- Computer hardware: These are expenditures related to the purchase of computers, printers, or any other physical components of a computer system. Included are systems operations software, if not billed separately.

- Equipment total: This is the sum of expenditures for furniture and equipment and computer hardware.

- Postage: These are all expenditures for postage and delivery, including U.S. mail and commercial delivery services during fiscal year 1988.

o Telecommunications: These are any separately billed expenditures for all types of telephone services and for such services as electronic mail, teleconferencing, telefacsimile, teletype, telex, contracted computer services, etc.

o Online database searches: These are expenditures from the library budget for all reference transactions costs in which the source used is one or more databases searched online by computer. Included are associated telecommunications costs if they are not billed separately.

o Contracted computer services: These are expenditures related to purchased library services done for the library on computers by a computerized library network, computerized cooperative library organization, or by a commercial organization providing library services.

o All other operating expenditures: These are all other operating expenditures such as travel, rentals, leases, insurance, freight, printing, replacement of equipment and furnishings, supplies and membership costs. If expenditures for utilities and plant maintenance are paid from the library budget, they are included. Expenditures for capital outlays are excluded.

o Total other operating expenditures: This is the sum of postage, telecommunications, online database searches, contracted computer services, and all other operating expenditures.

o Total operating expenditures: This is the sum of salaries and wages, total collection expenditures, preservation, total equipment expenditures, and total other operating expenditures.

Library Collection

Total number added during the fiscal year: This is the gross number of each category added and does not include the number withdrawn.

Total number held at the end of the fiscal year: This is the total number of each category held at the end of the fiscal year.

o Volumes: This is the number of volumes of any printed, typewritten, mimeographed, or processed work contained in one binding or portfolio, hardbound or paperbound, which has been catalogued, classified, or otherwise made ready for use.

o Titles: This is the number of titles of publications which form a separate bibliographic whole, whether issued in one or several volumes, reels, disks, slides, or parts. It applies equally to printed materials, such as books and periodicals, as well as to audiovisual materials and microforms. It includes the number of items for which a separate shelflist entry has been made. (A shelflist is a record of materials in a library, arranged in the order in which materials stand when they are shelved or stored.)

Thus, six copies of the same edition of a title count as one title; two editions of the same title which have been catalogued or recorded separately count as two titles; a set of six monographs for which six shelflist entries have been made count as isx titles; and two multivolume sets of the samer edition for which one shelflist entry has been made count as one title. A methodology for estimating the number of titles in a collection by measuring the shelflist is given in the American National Standard for Library and Information Sciences and related Publishing Practices - Library Statistics (1983). Note: the number of titlesof each type of library material is reported with the line associated with it (e.g., the number of titles of books, bound serials and government documents not catalogued separately; book titles represented by microforms; etc.

o Goverment document titles: This is the number of titles of materials in book, serial, or other form that are published by a government agency. These include publications of Federal, State, local, and foreign governmentsand of intergovernmental organizations to which governments belong and appoint representatives (e.g., the United Nations, Organization of American States, and the Erie Basin Commission). Government documents that are catalogued and shelved with the regular collection are included with the regular collection; government documents on microform are included with the microforms; only government documents that are organized separately are included herein.

o Current Serial subscriptions: This is the number of current subscriptions to serials fo different titles and not the number of individual issues (excluding duplicate subscriptions). This includes periodicals, newspapers, and government documents issued serially that are catalogued and shelved with the regular collection.

o Microforms: This is the number of different titles of materials for each of the different catagories that have been photographically reduced in size for storage, protection, and inexpensive publication purposes, and which must be read with the help of enlarging instruments. Examples of microfilms are: roll microfilm, microd=card, microfiche, and ultrafiche. Duplicate copies are excluded.

o Total number of physical units of all types of microforms: This is the total number of physical units (not titles) of all types of microforms.

o Manuscripts and archives: This is the linear feet of shelfspace occupied by these materials. Manuscripts are handwritten or typed documents, including carbon copies. Archives are noncurrent records of an organization or institution preserved because of their continuing value.

o Cartographic materials: This is the number of units of materials represenmting in whole or in part the earth or any celestial body at any scale. These materials include two- and three-dimensional maps and globes.

o Graphic materials: This is the number of units of materials for viewing without sound. The materials may or may not be projected or magnified. They include art originals, art prints, art reproductions, slides, transparencies, filmstrips, photographs,pictures, postcards, posters, study prints and the like. Filmstrips that also include sound are included herein, also.

o Audio materials: This is the number of titles of materials on which sounds (only) are stored (recorded) and that can be reproduced (played back) mechanically, electronically, or both. These materials include audiocassettes, audiocartridges, audiodiscs, audioreels, talking books, and other sound recordings.

o Films: This is the number of titles of films, with or without recorded sound, bearing a sequence of images that create the illusion of movement when projected in rapid succession (usually 18 or 24 frames per second). Films are produced in a variety of sizes (8, super 8, 16, 35, 55, and 70 mm)and a variety of formats (cartridge, cassette, loop, reel).

o Video materials: This is the number of titles of materials on which both pictures and sound are recorded. Electronic playback reproduces both pictures and sounds using a television receiver or monitor.

o Machine-readable materials: This is the number of titles of materials that exist in media such as punched cards, magnetic tape and disks, and digital videodisks that are designed to be processed by a computer or other machine. Examples are U.S. Census data tapes and reference tools on tape or disk. This includes the bibliographic records used to manage the collection and the physical components of a computer (hardware). Microcomputer software contains instructions which direct the computer to perform some action. Examples are dBase III, SuperCalc, and Word Perfect. This does not include microcomputer used only by library staff.

o Other library materials: This includes any materials not already included in other library collection categories.

Library Loan Transactions

o Circulation transactions: This is the number of items lent from the general collection and from the reserve collection, separately, for use usually (although not always) outside the library. These activities include initial charges, either manually or electronically, and also renewals, each of which is reported as a circulation transaction.

o Interlibrary loans: This is the number of transactions in which library materials, or copies of the materials, are made available by one library to another upon request. Loans include both providing and receiving. Libraries involved in these interlibrary loans cannot be under the same administration or on the same campus.

Library Service per Typical Week

Data are colected during a typical week in the fall and reported. A typical week is defined as a week in which the library is open for its regular hours and contains no holidays. It is seven consecutive calendar days, from Sunday through Saturday, or whatever days the library is normally open during that period. If data were available to the institution for an entire year rather than for a typical week, then an estimate of a weekly count is made by dividing the annual figure by 52.

o Public service hours: This is an unduplicated count of public service hours per typical week for both main library and branches reported using the following method. If a library is open from 9:00 a.m. to 5:00 p.m. Monday through Friday, it reports 40 hours per week. If several of its branches are also open during those hours, the figure remains 40 hours. Should branch A also be open one evening from 7:00 to 9:00, the total hours in which users can find service becomes 42. If Branch B is open the same hours on the same evening, the total remains 42, but if it opens 2 hours on another evening, or from 5:00 to 7:00 on the evening when Branch A is open later, the total becomes 44 hours during which users can find service.

o Attendance in libraries: This is the total number of persons entering the main library and all branch libraries per typical week, including persons attending activities, meetings, and those persons requiring no staff services.

o Reference transactions: This is the total number of reference transactions per typical week. A reference transaction is an information contact that involves the knowledge, use, recommendation, interpretation in the use of one or more information sources by a member of the library staff. Information sources include printed and non-printed materials, machine-readable databases (including computer-assisted instruction), catalogues and other holdings, records, and, through communication or referral, other libraries and institutions, and persons both inside and outside the library. Information and referral services are included. If a contact included both reference and directional services, it is reported as one reference transaction. When a staff member utilizes information gained from a previous use of information sources to answer a question, it is reported as a reference transaction, even if the source is not consulted again during this transaction. Duration is not an element in determining whether a transaction is a reference transaction.

Directional transactions are not reported in these or any other data. A directional transaction is an information contact which facilitates the use of the library in which the contact occurs and which does NOT involve the knowledge, use, recommendation, interpretation, or instruction in the use of any information sources other than those which describe the library, such as schedules, floor plans, handbooks, and policy statements. Examples of directional transactions include giving assistance of a non-bibliographic nature with machines.

o Online database searches: This is the number of reference transaction searches per typical week in which the source utilized is one or more databases searched online by a computer. This is a subcategory of reference transactions defined above.

o Information service to groups: This is the number of presentations and the number of persons served by those presentations per typical week. An information is one in which a staff member or person invited by a staff member provides information intended for a number of persons and planned in advance. Information service to groups may be either bibliographic instruction or library use presentations, or it may be cultural, recreational, or educational presentations. Presentations both on and off the library premises should be included, as long as they are sponsored by the library. Not included are meetings sponsored by other groups using library meeting rooms.

GENERAL DEFINITIONS

The following definitions are general to the survey and are arranged in alphabetical order.

o Books: Nonperiodical printed publications bound in hard or soft covers, or in loose-leaf format, of at least 49 pages, exclusive of the cover pages, or a juvenile nonperiodical publication of any length bound in hard or soft covers.

o Library: An organized collection of printed, microform, and audiovisual materials which (a) is administered as one or more units, (b) is locatedin one or more designated places, and (c) makes printed, microform, and audiovisual materials as well as necessary equipment andservices of a staff accessible to students and to faculty. This includes units meeting the above definition which are part of a learning resource center.

o Newspapers: Those serials that are designed mainly to be a primary source of written information on current events. They may also include articles as well as illustrations, advertisements, legal notices, and vital statistics. Newspapers appear with a masthead and are usually printed on newsprint without a cover.

o Periodicals: A publication in any medium intended to appear indefinitely at regular or stated intervals, generally more frequent than annually. Individual issues are numbered consecutively or dated and normally contain separate articles, stories or other writings.

This does not include newspapers disseminating general news, and the proceedings, papers, or other publications of corporate bodies primarily related to their meetings.

- Reserve collection: Those materilas that have been removed from the general library collection and set aside in a library so they will be on hand for a certain course of study or activity in process. Usually, the circulation and length of loan of items in a reserve collection are restricted so that these items will be available to many users who have need of them within a limited time period.

- Serials: Publications issued in successive parts, usually at regular intervals, and as a rule, intended to be continued indefinitely. Serials include periodicals, newspapers, annuals (reports, yearbooks, etc.), memoirs, proceedings, and transactions of societies; they may include monographic and publishers' series.

IPEDS

INTEGRATED POSTSECONDARY EDUCATION DATA SYSTEM

LIBRARIES 1988

COMPLETION INSTRUCTIONS:

Please read the instructions carefully before completing this survey form. Report data ONLY for the institution noted. If data for any other institutions or branch campuses are included in this report because they cannot be reported separately, please provide a list of all other schools included in this report. When complete, please mail your survey form to:

CONTACT FOR QUESTIONS:

If there are any questions about this form, contact: Arthur Podolsky at (202) 357-6371 or you may call the IPEDS Processing Center at 1-800-334-EDUC.

DUE DATE: November 15, 1988

This form is authorized by law (20 U.S.C. 1221e-1). While you are not required to respond, your cooperation is needed to make the results of this survey comprehensive, accurate, and timely.

PURPOSE OF THE SURVEY

The Center for Education Statistics (CES) collects these data periodically to obtain and report a comprehensive picture on the status of collections, transactions, staff, service per typical week, and library operating expenditures in postsecondary institutions. This survey is being conducted in compliance with the Center's mission "to collect, and analyze, and disseminate statistics and other data related to education in the United States..." (20 U.S.C. 1221e-1, General Education Provisions Act, Sec. 406(b), as amended).

USES OF DATA

Collection of these data over time will enable the nation to plan effectively for the development and use of postsecondary education library resources. Congress uses the data to assess the need for revisions of existing legislation concerning libraries and the allocation of Federal funds. Federal agencies need the data to evaluate and administer library programs. State education agencies and college librarians and administrators use the data for regional and national comparisons of library resources to plan for the effective use of funds. Finally, library associations and researchers use the survey results to determine the status of library operations and the profession.

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Page 1 of 4
Form Approved
OMB No. 1850-0582
Approval Expires 12/88

LIBRARIES

Identification No.
Name of Respondent:
Title:
Phone Number:

PART A - NUMBER OF PUBLIC SERVICE OUTLETS, FISCAL YEAR 1988

ITEM	LINE NO.	NUMBER
BRANCH LIBRARIES *(EXCLUDE MAIN OR CENTRAL LIBRARY)*	01	

PART B - LIBRARY STAFF, FALL 1988
(EXCLUDE MAINTENANCE AND CUSTODIAL STAFF)

STAFF	LINE NO.	NUMBER OF FTE
LIBRARIANS AND OTHER PROFESSIONAL STAFF	02	
ALL OTHER PAID STAFF *(EXCEPT STUDENT ASSISTANTS)*	03	
CONTRIBUTED SERVICES STAFF	04	
STUDENT ASSISTANTS FROM ALL FUNDING SOURCES	05	
TOTAL FTE STAFF *(SUM OF LINES 2 THROUGH 5)*	06	

PART C - LIBRARY OPERATING EXPENDITURES, FISCAL YEAR 1988
(NOTE: Do not report the same expenditure more than once)

CATEGORY	LINE NO.	AMOUNT (WHOLE DOLLARS ONLY)
SALARIES AND WAGES	07	$
COLLECTIONS PRINT MATERIALS *(EXCLUDE SERIAL SUBSCRIPTIONS AND MICROFORMS)*	08	$
CURRENT SERIAL SUBSCRIPTIONS *(INCLUDE ALL PHYSICAL FORMATS)*	09	$
MICROFORMS *(EXCLUDE CURRENT SERIAL SUBSCRIPTIONS)*	10	$
MACHINE READABLE MATERIALS	11	$
AUDIOVISUAL MATERIALS	12	$
OTHER	13	$
PRESERVATION	14	$
EQUIPMENT, TOTAL *(SUM OF LINES 16 AND 17)*	15	$
FURNITURE AND EQUIPMENT	16	$
COMPUTER HARDWARE	17	$
OTHER OPERATING EXPENDITURES, TOTAL *(SUM OF LINES 19-23)*	18	$
COMMUNICATIONS POSTAGE	19	$
TELECOMMUNICATIONS	20	$
ONLINE DATABASE SEARCHES	21	$
CONTRACTED COMPUTER SERVICES	22	$
ALL OTHER OPERATING EXPENDITURES	23	$
TOTAL OPERATING EXPENDITURES *(SUM OF LINES 7-15 AND 18)*	24	$

PART D - LIBRARY COLLECTIONS, FISCAL YEAR 1988

CATEGORY	LINE NO.	TOTAL NUMBER ADDED DURING FISCAL YEAR (1)	TOTAL NUMBER HELD AT END OF FISCAL YEAR (2)
BOOKS, BOUND SERIALS AND GOVERNMENT DOCUMENTS *(INCLUDE BOUND PERIODICALS AND NEWSPAPERS AND EXCLUDE MICROFORMS)* NUMBER OF VOLUMES	25		
NUMBER OF TITLES*	26		
NUMBER OF GOVERNMENT DOCUMENT TITLES* *(NOT REPORTED ON LINES 25 AND 26)*	27		
CURRENT SERIAL SUBSCRIPTIONS *(INCLUDE PERIODICALS, NEWSPAPERS AND GOVERNMENT DOCUMENTS)* NUMBER OF TITLES*	28		
MICROFORMS NUMBER OF BOOK TITLES* REPRESENTED BY MICROFORMS	29		
NUMBER OF SERIAL TITLES* REPRESENTED BY MICROFORMS	30		
NUMBER OF GOVERNMENT DOCUMENT TITLES* REPRESENTED BY MICROFORMS AND NOT ALREADY COUNTED	31		
TOTAL NUMBER OF PHYSICAL UNITS (NOT TITLES) OF ALL TYPES OF MICROFORMS	32		
MANUSCRIPTS AND ARCHIVES *(IN LINEAR FEET)*	33		
CARTOGRAPHIC MATERIALS, NUMBER OF UNITS	34		
GRAPHIC MATERIALS, NUMBER OF UNITS	35		
AUDIO MATERIALS, NUMBER OF TITLES*	36		
FILMS, NUMBER OF TITLES*	37		
VIDEO MATERIALS, NUMBER OF TITLES*	38		
MACHINE READABLE MATERIALS, NUMBER OF TITLES*	39		
OTHER LIBRARY MATERIALS, NUMBER OF TITLES*	40		

*EXCLUDE DUPLICATE COPIES

PART E - LIBRARY LOAN TRANSACTIONS, FISCAL YEAR 1988

CATEGORY	LINE NO.	NUMBER
CIRCULATION TRANSACTIONS GENERAL COLLECTION	41	
RESERVE COLLECTION	42	
INTERLIBRARY LOANS PROVIDED TO OTHER LIBRARIES	43	
RECEIVED FROM OTHER LIBRARIES	44	

PART F - LIBRARY SERVICE PER TYPICAL WEEK, FALL 1988

CATEGORY	LINE NO.	NUMBER
PUBLIC SERVICE HOURS PER TYPICAL WEEK	45	
ATTENDANCE IN LIBRARIES PER TYPICAL WEEK	46	
REFERENCE TRANSACTIONS PER TYPICAL WEEK	47	
ONLINE DATABASE SEARCHES PER TYPICAL WEEK (also included on line 47)	48	
INFORMATION SERVICE TO GROUPS NUMBER OF PRESENTATIONS PER TYPICAL WEEK	49	
NUMBER OF PERSONS SERVED IN PRESENTATIONS PER TYPICAL WEEK	50	

GENERAL INSTRUCTIONS

Please respond to each item on this report in the space provided. The Glossary provides definitions of terms used in this report.

If an exact figure is not available for a particular item but the amount is known to be greater than zero, ENTER AN ESTIMATE OF THE AMOUNT. An estimate should be indicated with brackets. Refer to the American National Standard for Library and Information Sciences and Related Publishing Practices–Library Statistics (1983) for information on estimation methods and other definition clarifications.

I. INSTITUTIONAL IDENTIFICATION

In the space provided at the top of the report, make any necessary corrections to the preprinted address information. Also, please enter the name, title, area code and telephone number of the person responsible for completing the report.

II. PERIOD OF REPORT

Report information for the following time periods:

(1) Fiscal year 1988 - a 12-month period between June 1, 1987 and September 30, 1988 which corresponds to your institution's fiscal year.

(2) Typical week in fall term 1988 - a typical week is one without holidays when the central or main library is open during its regular hours for general use.

(3) Fall 1988 - the period during the fall of 1988 when the survey form is being completed.

III. INSTRUCTIONS FOR PART A - NUMBER OF PUBLIC SERVICE OUTLETS, FISCAL YEAR 1988

BRANCH LIBRARIES (line 1). Report the number of branch libraries at your institution that are open all or part of fiscal year 1988. (DO NOT COUNT THE MAIN OR CENTRAL LIBRARY.) Branch libraries are auxiliary units which have all of the following: (1) separate quarters, (2) a permanent basic collection of books, (3) a permanent staff, and (4) a regular schedule for opening to the public. They are, however, administered from a central unit. Law and Medical libraries which are not administered by the central library have been asked to complete a separate IPEDS form.

IV. INSTRUCTIONS FOR PART B - LIBRARY STAFF, FALL 1988

FULL-TIME EQUIVALENT (FTE) EMPLOYEES. Report the sum of the number of full-time employees plus the number of full-time equivalent of the part-time employees. To compute full-time equivalents of part-time employees, take the number of hours worked by a part-time employee and divide it by the number of hours CONSIDERED BY THE REPORTING LIBRARY TO BE A FULL-TIME WORK WEEK (e.g., 60 hours per week of part-time work divided by 40 hours per full-time week equals 1.5 FTE).

LIBRARIANS AND OTHER PROFESSIONAL STAFF (line 2). Report the total FTE of librarians and other professional staff, including chief, deputy, associate, and assistant chief librarian doing work that requires professional training and skill in the theoretical or scientific aspect of library work, or both, as distinct from its mechanical or clerical aspect. Include unfilled positions if a search is currently underway.

ALL OTHER PAID STAFF (EXCEPT STUDENT ASSISTANTS) (line 3). Report the total FTE for all other paid library staff in filled positions in Fall 1988 who are paid annual salaries or hourly wages except students, who are reported on line 5. This includes technical and clerical staff and professionals who are not librarians. Exclude maintenance and custodial staff.

CONTRIBUTED SERVICES STAFF (line 4). Report the total FTE for contributed services staff. Contributed services staff are those, such as members of religious orders, whose services are valued by bookkeeping entries rather than by full cash transactions. Do not include volunteers.

STUDENT ASSISTANCE FROM ALL FUNDING SOURCES (line 5). Report the total FTE for student assistants, by students employed on an hourly basis whose wages are charged either to the library budget or to a budget other than the library budget. Exclude maintenance and custodial staff.

TOTAL FTE STAFF (line 6). Report the sum of lines 2 through 5.

V. INSTRUCTIONS FOR PART C - LIBRARY OPERATING EXPENDITURES, FISCAL YEAR 1988

EXPENDITURES (lines 7 - 24). Report the funds expended from the library budget in fiscal year 1988 regardless of when the funds may have been received from Federal, State, or other sources. Expenditures should be reported for the 12-month period which corresponds to your library's fiscal year between the calendar period June 1, 1987, to September 30, 1988. All expenditures should be reported in whole dollars in the most appropriate category to provide an unduplicated count of expenditures. Exclude expenditures for capital outlays. DO NOT REPORT ANY EXPENDITURES MORE THAN ONCE.

SALARIES AND WAGES (line 7). Report expenditures for full-time and part-time salaries and wages before deductions, but exclude fringe benefits provided by your institution for all regular library staff. Include salaries and wages from all sources paid to students serving on an hourly basis. Exclude contributed services, and maintenance and custodial staff.

PRINT MATERIALS (line 8). Report expenditures for all materials consisting primarily of words and usually produced by making an impression with ink on paper. Included in this category are materials that do not require magnification: books, government documents, braille materials, ephemeral print materials, and the like. Exclude current serial subscriptions and microforms.

CURRENT SERIAL SUBSCRIPTIONS (line 9). Report expenditures for current subscriptions to serials. These are publications issued in successive parts, usually at regular intervals, and as a rule, intended to be continued indefinitely. Serials include periodicals, newspapers, annuals (reports, yearbooks, etc.), memoirs, proceedings, and transactions of societies; they may include monographic and publishers' series. Include all physical formats.

MICROFORMS (line 10). Report expenditures for all photographic reproductions of textual, tabular, or graphic materials reduced in size so that they can be used only with magnification. Examples of microforms are roll microfilm, microcard, microfiche, and ultrafiche. Exclude current serial subscriptions.

MACHINE READABLE MATERIALS (line 11). Report expenditures for both machine-readable data files and microcomputer applications software. Machine-readable data files are data and data files that exist in media such as punched cards, magnetic tape and disks, and digital videodisks that are designed to be processed by a computer or other machine. Examples are U.S. Census data tapes and reference tools on tape or disk. This excludes the bibliographic records used to manage the collection and the physical components of a computer (hardware). Microcomputer software contains instructions which direct the computer to perform some action. Examples are dBase III, SuperCalc, and WordStar. Do not include microcomputer software used only by library staff.

AUDIOVISUAL MATERIALS (line 12). Report expenditures for all library materials that are displayed by visual projection or magnification or through sound reproduction, or both, including graphic materials, audio materials, motion pictures, video materials, and special visual materials such as cartographic and three-dimensional materials.

OTHER (line 13). Report any expenditures for other collection materials not already included on lines 8 to 12.

PRESERVATION (line 14). Report expenditures for the activities associated with maintaining library and archival materials for use in either their original physical form or in some other usable way. This includes but is not limited to binding and rebinding, materials conservation, deacidification, lamination, and restoration.

FURNITURE AND EQUIPMENT (line 16). Report expenditures for all library furniture and equipment purchased during the 1988 fiscal year. Include microform equipment and audiovisual equipment. Exclude computer-related equipment, which should be reported separately on line 17.

COMPUTER HARDWARE (line 17). Report any expenditures related to the purchase of computers, printers, or any other physical components of a computer system. Include system operations software if not billed separately.

POSTAGE (line 19). Report all expenditures for postage and delivery, including U.S. Mail and commercial delivery services during the 1988 fiscal year.

TELECOMMUNICATIONS (line 20). Report any separately billed expenditures for all types of telephone services and for such services as electronic mail, teleconferencing, telefacsimile, teletype, telex, online database searches, contracted computer services, etc.

ONLINE DATABASE SEARCHES (line 21). Report expenditures from the library budget for all reference transactions in which the source used is one or more databases searched online by computer. Include associated telecommunications costs if they are not billed separately. (Telecommunications costs which are billed separately should be reported on line 20.)

CONTRACTED COMPUTER SERVICES (line 22). Report any expenditures related to purchased library services done for your library on computers by a computerized library network, computerized cooperative library organization, or by a commercial organization providing library services.

ALL OTHER OPERATING EXPENDITURES (line 23). Report all other operating expenditures such as travel, rentals, leases, insurance, postage and freight, printing, replacement of equipment and furnishings, supplies, and membership costs. If expenditures for utilities and plant maintenance and operation are paid from the library budget, they should be reported here. Exclude expenditures for capital outlays.

TOTAL OPERATING EXPENDITURES (line 24). Report the sum of lines 7-15 plus 18.

VI. INSTRUCTIONS FOR PART D - LIBRARY COLLECTIONS, FISCAL YEAR 1988

TOTAL NUMBER ADDED DURING FISCAL YEAR (Column 1). Report the gross number of each category added. Do not subtract the number withdrawn.

TOTAL NUMBER HELD AT END OF FISCAL YEAR (Column 2). Report the total number of each category held at end of fiscal year.

VOLUMES (line 25). Report the number of volumes of any printed, typewritten, handwritten, mimeographed, or processed work contained in one binding or portfolio, hardbound or paperbound, which has been cataloged, classified, or otherwise made ready for use.

TITLES (lines 26-31 and 36-40). Report the number of titles of publications which form a separate bibliographic whole, whether issued in one or several volumes, reels, disks, slides, or parts. It applies equally to printed materials, such as books and periodicals, as well as to audiovisual materials and microforms. Report the number of items for which a separate shelflist entry has been made. (SHELFLIST: A record of materials in a library, arranged in the order in which the materials stand when they are shelved or stored.) Thus, six copies of the same edition of a title count as one title; two editions of the same title which have been cataloged or recorded separately count as two titles; a set of six monographs for which six shelflist entries have been made count as six titles; and two multivolume sets of the same edition for which one shelflist entry has been made count as one title. A methodology for estimating the number of titles in a collection by measuring the shelflist is given in the American National Standard for Library and Information Sciences and Related Publishing Practices - Library Statistics (1983). Note: The number of titles of each type of library material should be reported on the line associated with it (e.g., The Number of Titles of Books, Bound Serials and Government Documents not separately catalogued, line 26; Book Titles Represented by Microforms, line 29; etc.)

GOVERNMENT DOCUMENT TITLES (line 27). Report the number of titles of materials in book, serial, or other form that are published by a government agency. These include publications of Federal, State, local, and foreign governments and of intergovernmental organizations to which governments belong and appoint representatives (e.g., the United Nations, Organization of American States, and the Erie Basin Commission). Government documents that are cataloged and shelved with the regular collection should be reported on lines 25 and 26. Government documents on microform should be reported on line 31. Only government documents that are organized separately should be reported on line 27.

CURRENT SERIAL SUBSCRIPTIONS (line 28). Report the number of current subscriptions to serials of different titles and not the number of individual issues (exclude duplicate subscriptions). Include periodicals, newspapers, and government documents issued serially that are cataloged and shelved with the regular collection.

MICROFORMS (lines 29-31). Report the number of different titles of materials for each of the different categories that have been photographically reduced in size for storage, protection, and inexpensive publication purposes, and which must be read with the help of enlarging instruments. Examples of microforms are: roll microfilm, microcard, microfiche, and ultrafiche. Exclude duplicate copies.

TOTAL NUMBER OF PHYSICAL UNITS OF ALL TYPES OF MICROFORMS (line 32). Report the total number of physical units (not titles) of all types of microforms.

MANUSCRIPTS AND ARCHIVES (line 33). Report the linear feet of shelfspace occupied by these materials. Manuscripts are handwritten or typed documents, including carbon copies. Archives are noncurrent records of an organization or institution preserved because of their continuing value.

CARTOGRAPHIC MATERIALS (line 34). Report the number of units of materials representing in whole or in part the earth or any celestial body at any scale. These materials include two- and three-dimensional maps and globes.

GRAPHIC MATERIALS (line 35). Report the number of units of materials for viewing without sound. The materials may or may not be projected or magnified. They include art originals, art prints, art reproductions, slides, transparencies, filmstrips, photographs, pictures, postcards, posters, study prints, and the like.

AUDIO MATERIALS (line 36). Report the number of titles of materials on which sounds (only) are stored (recorded) and that can be reproduced (played back) mechanically, electronically, or both. These materials include audiocassettes, audiocartridges, audiodiscs, audioreels, talking books, and other sound recordings.

FILMS (line 37). Report the number of titles of films, with or without recorded sound, bearing a sequence of images that create the illusion of movement when projected in rapid succession (usually 18 or 24 frames per second). Films are produced in a variety of sizes (8, super 8, 16, 35, 55, and 70 mm) and a variety of formats (cartridge, cassette, loop, reel).

VIDEO MATERIALS (line 38). Report the number of titles of materials on which both pictures and sound are recorded. Electronic playback reproduces both pictures and sounds using a television receiver or monitor.

MACHINE-READABLE MATERIALS (line 39). Report the number of titles of materials that exist in media such as punched cards, magnetic tape and disks, and digital videodisks that are designed to be processed by a computer or other machine. Examples are U.S. Census data tapes and reference tools on tape or disk. This excludes the bibliographic records used to manage the collection and the physical components of a computer (hardware). Microcomputer software contains instructions which direct the computer to perform some action. Examples are dBase III, SuperCalc, and WordStar. Do not include microcomputer software used only by library staff.

OTHER LIBRARY MATERIALS (line 40). Report here any materials not already included on lines 25-39.

VII. INSTRUCTIONS FOR PART E - LIBRARY LOAN TRANSACTIONS, FISCAL YEAR 1988

CIRCULATION TRANSACTIONS (lines 41-42). Report the number of items lent from the general collection on line 41 and from the reserve collection on line 42 for use usually (although not always) outside the library. These activities include initial charges, either manually or electronically, and also renewals, each of which is reported as a circulation transaction.

INTERLIBRARY LOANS (line 43-44). Report the number of transactions in which library materials, or copies of the materials, are made available by one library to another upon request. Loans include both providing (line 43) and receiving (line 44). Libraries involved in these interlibrary loans cannot be under the same administration or on the same campus.

VIII. INSTRUCTIONS FOR PART F - LIBRARY SERVICE PER TYPICAL WEEK, FALL 1988

Collect data during a typical week in the fall and report the numbers here. A typical week is defined as a week in which the library is open for its regular hours and contains no holidays. It is seven consecutive calendar days, from Sunday through Saturday, or whatever days the library is normally open during that period. If data are available for an entire year rather than for a typical week, then estimate a weekly count by dividing the annual figure by 52.

PUBLIC SERVICE HOURS (line 45). Report an unduplicated count of public service hours per typical week for both main library and branches reported on line 1 using the following method. If a library is open from 9:00 a.m. to 5:00 p.m. Monday through Friday, it should report 40 hours per week. If several of its branches are also open during those hours, the figure remains 40 hours. Should Branch A also be open one evening from 7:00 to 9:00, the total hours which users can find service becomes 42. If Branch B is open the same hours on the same evening, the total remains 42, but if it is open 2 hours on another evening, or from 5:00 to 7:00 on the evening when Branch A is open later, the total becomes 44 hours during which users can find service.

ATTENDANCE IN LIBRARIES (line 46). Report the total number of persons entering the main library and all branch libraries (those reported on line 1) per typical week, including persons attending activities, meetings, and those persons requiring no staff services.

REFERENCE TRANSACTIONS (line 47). Report the total number of reference transactions per typical week. A reference transaction is an information contact that involves the knowledge, use, recommendations, interpretation, or instruction in the use of one or more information sources by a member of the library staff. Information sources include printed and non-printed materials, machine-readable databases (including computer-assisted instruction), catalogs and other holdings, records, and, through communication or referral, other libraries and institutions, and persons both inside and outside the library. Include information and referral services. If a contact includes both reference and directional services, it should be reported as one reference transaction. When a staff member utilizes information gained from a previous use of information sources to answer a question, report as a reference transaction, even if the source is not consulted again during this transaction. Duration should not be an element in determining whether a transaction is a reference transaction.

Do not report directional transactions on this or any line. A directional transaction is an information contact which facilitates the use of the library in which the contact occurs and which does NOT involve the knowledge, use, recommendation, interpretation, or instruction in the use of any information sources other than those which describe the library, such as schedules, floor plans, handbooks, and policy statements. Examples of directional transactions include giving instruction in locating, within the library, staff, library users, or physical features, etc., and giving assistance of a non-bibliographic nature with machines.

ONLINE DATABASE SEARCHES (line 48). Report the number of reference transaction searches per typical week in which the source utilized is one or more databases searched online by a computer. These should also be included on line 47.

INFORMATION SERVICE TO GROUPS (line 49-50). Report the total number of presentations (line 49) and the total number of persons served by those presentations (line 50) per typical week. An information contact is one in which a staff member or person invited by a staff member provides information intended for a number of persons and planned in advance. Information service to groups may be either bibliographic instruction or library use presentations, or it may be cultural, recreational, or educational presentations. Presentations both on and off the library premises should be included, as long as they are sponsored by the library. Do not include meetings sponsored by other groups using library meeting rooms.

DEFINITIONS - LIBRARIES (L)

The following definitions are arranged in alphabetical order:

BOOKS. Nonperiodical printed publications bound in hard or soft covers, or in loose-leaf format, of at least 49 pages, exclusive of the cover pages, or a juvenile nonperiodical publication of any length bound in hard or soft covers.

LIBRARY. An organized collection of printed, microform, and audiovisual materials which (a) is administered as one or more units, (b) is located in one or more designated places, and (c) makes printed, microform, and audiovisual materials as well as necessary equipment and services of a staff accessible to students and to faculty. This includes units meeting the above definition which are part of a learning resource center.

NEWSPAPERS. Those serials that are designed mainly to be a primary source of written information on current events. They may also include articles as well as illustrations, advertisements, legal notices, and vital statistics. Newspapers appear with a masthead and are usually printed on newsprint without a cover.

PERIODICALS. A publication in any medium intended to appear indefinitely at regular or stated intervals, generally more frequently than annually. Individual issues are numbered consecutively or dated and normally contain separate articles, stories, or other writings. Do not include newspapers disseminating general news, and the proceedings, papers, or other publications of corporate bodies primarily related to their meetings.

RESERVE COLLECTION. Those materials that have been removed from the general library collection and set aside in a library so they will be on hand for a certain course of study or activity in process. Usually, the circulation and length of loan of items in a reserve collection are restricted so that these items will be available to many users who have need of them within a limited time period.

SERIALS. Publications issued in successive parts, usually at regular intervals, and as a rule, intended to be continued indefinitely. Serials include periodicals, newspapers, annuals (reports, yearbooks, etc.), memoirs, proceedings, and transactions of societies; they may include monographic and publishers' series.